```
6, Appli
7, Appli
6, Appli
7, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Appli
Appli
Appli
Appli
Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Appli
Appli
Appli
Appli
Appli
Appli
Appli
Appli
Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            107,
                                                                                      Sequence Seq
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence
Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Seq
                               Sequence
                                                               Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence
185.5
182.5
182.5
180.5
180.5
180.5
180.5
178.5
178.5
178.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                169
168.5
168.5
168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  158.5
158.5
158.5
158.5
158.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          158
  Sequence 1, Appliance 1, Appliance 3, Appliance 3, Appliance 3, Appliance 4, Appliance 4, Appliance 749, Appliance 749, Appliance 749, Appliance 749, Appliance 6025, Appliance 6025, Appliance 6025, Appliance 7499, Appliance 5, Appliance 5, Appliance 58, Appliance 28, 
                                                                                                                                                                                     August 17, 2005, 20:41:50 ; Search time 25 Seconds (without alignments): 1358.613 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence Seq
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                      US-09-943-664-50
2529
1 MLHPETSPGRGHLLAVLLAL......RNRYICQFAQEHISRWGPGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Issued Patents AA:*

(cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
(cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
(cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
(cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
(cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
(cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
                               GenCore version 5.1.6
(c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-907-794A-285
US-09-905-125A-285
US-09-906-700-285
US-09-906-700-285
US-09-909-064-285
US-09-909-064-285
US-09-905-381A-285
US-09-905-381A-285
US-09-905-381A-285
US-09-905-887-1
US-08-773-368-1
US-08-773-368-3
US-08-773-368-3
US-08-773-368-3
US-08-773-368-3
US-08-773-368-3
US-09-541-759-7
US-09-541-759-7
US-09-541-759-7
US-09-541-759-7
US-09-541-759-7
US-09-949-016-6025
US-09-949-016-6025
US-09-949-016-6025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-840-062-5
US-08-614-935-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    513545 segs, 74649064 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SUMMARIES
                                                                                                                                       protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                   BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Minimum Match 08
Maximum Match 1008
Listing first 1500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    seq length: 0
seq length: 200000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length
                                                   Copyright
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query
Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.8
100.8
100.8
100.8
100.8
100.8
100.2
100.2
100.2
100.2
100.8
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
100.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Post-processing:
                                                                                                                                                                                                                                                                                                      Title:
Perfect score:
Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                      Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   267
259
232
232
231
231
222:5
221
221
213:5
213:5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            196
196
189.5
185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Potal number
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Minimum DB
Maximum DB
                                                                                                                                       OM protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Database
                                                                                                                                                                                              Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Result
No.
```

Sequence 2, Appli Sequence 25, Appli Sequence 7, Appli Sequence 558, Ap Sequence 5, Appli Sequence 5, Appli	Sequence 3, Appliant Sequence 11, Appliant Sequence 11, Appliant Sequence 8, Appliant Sequence 9, Appliant Sequence 9, Appliant Sequence 11, Appliant Sequence 12, Appliant Sequence 13, Appliant Sequence 14, Appliant Sequence 15, Appliant Sequ				, ., ,			.,,	,, ,, ,	~ ~		, ,,,	_ ,,,,		A.	•			(V W		"""	Sequence 2, Appli Sequence 1, Appli	mu		V 1 - 1			1017	w			atent No. Segmence 6		(1) (1)	m 0	n — 4
US-08-872-75 US-09-423-753-25 US-09-641-612-7 US-09-641-612-7 US-09-949-016-9568 US-09-966-047-5	sh sh	Sp -Sp	-SU	US-09-111-470-6	Sp.	US-09-214-278-2	ns-	-Sn	Sn	ns- ns-	US-SI	us-	us-	ns- us-	US-(551. US-(US-08-346-12 US-08-346-12	US-08-532-38 US-08-893-82	US-09-191-64 US-09-540-24	US-09-540-15 US-09-590-65	US-09-733-76 US-09-590-65	US-09-733-76	US-09-949-01	US-09-191-647-7	US-09-540-245A- US-09-540-153-7	PCT-US91-090		US-09-270-767-4897 US-09-065-040-8	US-08-981-392	US-U9-908-322 5514582-18	5514582-18 HS-09-949-016-	0-560-069-80-SD		US-09-113-788-	-687-511-60-50 -08-616-60-50
685 4 685 4 11157 4 1219 3																																				
	نممت	inin	ι. 4	4.4	. 4.	i. 4.	4. 4.	4. 4	4.4.	4. 4.	্ব ব	. 4.	4.4.	4. 4.	4.4.	4.4.	4.4.	1 4·	4.4.	m m	m m	w w	w. u	. m :	າຕຸ	m m	ui u	i wi c	ກຸຕຸ	ا	n in	mίς	9.79	77	7,0	9090
+	140.5 139.5 139.5	138.5	138	137.5	137.5	137.5	137.5 137.5	137.5	137.5	137.5	137	136	136	136 136	136 (35.5	135.5 135.5	135.5	135.5	135.5 135.5	135 135	135	134.5	2.0	, W.	20 CL	ы 4 4	34	9 M C		9 69 6	. T	- 5	32	33	32	3 63 6
175 176 178 179																																				14.5
											3			•		<u>.</u>																				
ippii Appi Appii ippii Appi	30, Appl 30, Appl 166, App	302, Ap	10, Appl 10, Appl	10, Appl	16, Appl	19, Appl 19, Appl	1, Appli 1, Appli	137, App	137, App	137, App 137, App	137, App	137, App	13', App 10, Appl	10, Appl 5, Appli	2, Appli 7, Appli	Sequence 7, Appli Sequence 6, Appli	Sequence 18, Appl Sequence 7, Appli	Sequence 1, Appli Sequence 1, Appli	Sequence 6, Appli Sequence 6, Appli	Sequence 2, Appli Sequence 7, Appli	Sequence 11, Appl Sequence 7, Appli	Sequence 2, Appli Sequence 85, Appl	Sequence 6, Appli	ednence	equence equence	equence	equence	4) 4)	equence	equence 12, Appl	equence equence	equence	ednence	equence	equence	e 110, App
Sequence 5, Appli Sequence 5, Appli Sequence 103, App Sequence 5, Appli Sequence 7, Appli Sequence 112, App	Sequence 30, Appl Sequence 30, Appl Sequence 30, Appl Sequence 166, App	Sequence 3. Ap	Sequence 10, Appl Sequence 10, Appl	Sequence 10, Appl	Sequence 16, Appl	Sequence 19, Appl	Sequence 1, Appli Sequence 1, Appli	Sequence 137, App	Sequence 137, App	Sequence 137, App Sequence 137, App	Sequence 137, App	Sequence 137, App	Sequence 13/, App Sequence 10, Appl	Sequence 10, Appl Sequence 5, Appli	Sequence 2, Appli Sequence 7, Appli	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sednence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence 12, Appl	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence 110, App
3 US-08-981-392-5 Sequence 5, Appli 2 US-09-908-322-5 Sequence 5, Appli 2 US-07-887-2248-103 Sequence 103, App 3 US-08-872-855-5 Sequence 7, Appli 2 US-07-857-2248-112 Sequence 112, Appli	1 US-08-614-935-30 Sequence 30, Appl 3 US-09-130-287-30 Sequence 30, Appl 4 US-09-489-847-166 Sequence 166, App	4 US-09-621-976-3902 Sequence 3302, Ap 4 US-09-638-203-3 Sequence 3. Appl	2 US-08-400-159-10 Sequence 10, Appl 3 US-08-611-729A-10 Sequence 10, Appl	4 US-09-195-524-10 Sequence 10, Appl 4 US-09-949-016-9270 Seminance 9270 In	1 US-08-185-432-16 Sequence 16, Appl	3 US-08-532-384-19 Sequence 19, Appl	4 US-08-899-232-1 Sequence 1, Appli 4 US-09-121-457-1 Sequence 1, Appli	4 US-09-907-794A-137 Sequence 137, App	4 US-09-902-775A-137 Sequence 137, App	4 US-09-906-700-137 Sequence 137, App 4 US-09-903-603A-137 Sequence 137, App	4 US-09-904-920A-137 Sequence 137, App 4 US-09-904-137 Sequence 137, App	4 US-09-905-381A-137 Sequence 137, App	4 US-US-99UG-518-13/ Sequence 13/, App 3 US-08-722-126A-10 Sequence 10, Appl	5 PCT-US95-04258-10 Sequence 10, Appl 4 US-09-541-759-5 Sequence 5, Appli	3 US-08-840-062-2 Sequence 2, Appli 3 US-08-882-046-7 Sequence 7, Appli	4 US-09-566-047-7 Sequence 3 US-09-068-740A-6 Sequence	4 US-09-579-536C-18 Sequence 3 US-09-068-740A-7 Sequence	4 US-10-213-329-1 Sequence	2 US-08-400-159-6 Sequence 3 US-08-611-729A-6 Sequence	3 US-08-882-046-2 Sequence 3 US-09-214-278-7 Sequence	3 US-09-068-740A-11 Sequence 4 US-09-855-722-7 Sequence	4 US-09-566-047-2 Sequence 4 US-09-917-254-85 Sequence	4 US-09-195-524-6 Sequence	4 US-09-949-016-5902 Sequence	4 US-09-949-016-10297 Sequence 1 US-08-185-432-17 Sequence	4 US-08-899-232-2 Sequence 4 US-09-121-457-2 Sequence	3 US-09-467-997-1 Sequence	1 US-08-53/-Z10A-4 Sequence 3 US-09-113-825-4 Sequence	1 US-08-083-59UA-20 Sequence 3 US-08-532-384-20 Sequence	1 US-07-930-686-12 Sequence 12, Appl	2 US-08-460-998-12 Sequence 3 US-08-882-046-6 Sequence	4 US-09-566-047-6 Sequence	1 US-08-419-414-8 Sequence	1 US-08-614-935-3 Sequence 3 US-09-130-287-3 Sequence	1 US-08-469-486-56 Sequence	4 US-08-489-838-110 Sequence 10, App
1 721 3 US-08-981-392-5 Sequence 5, Appli 1.1 1.3 2 US-07-857-224B-103 Sequence 5, Appli 1.1 1.3 2 US-07-857-224B-103 Sequence 103, Appli 1.1 1.1 3 US-08-872-85-5 Sequence 7, Appli 1.1 721 3 US-08-872-855-7 Sequence 7, Appli 1.1 721 3 US-07-857-224B-112 Sequence 112, Appli 1.1 21 US-07-857-224B-112 US-07-857-857-224B-112 US-07-857-224B-112 US-07-857-224B-112 US-07-857-224B-112 US-07-857-224B-112 US-07-857-224B-112 US-07-857-224B-112 U	.0 166 1 US-08-614-935-30 Sequence 30, Appl .0 166 3 US-09-130-287-30 Sequence 30, Appl .0 374 4 US-09-847-166 Sequence 166, App	.0 134 4 US-09-61-976-3902 Sequence 3902, App0 260 4 US-09-638-203-3 Sequence 3, Appli	.0 1193 2 US-08-400-159-10 Sequence 10, Appl .0 1193 3 US-08-611-729A-10 Sequence 10, Appl	.0 1193 4 US-09-195-524-10 Sequence 10, Appl	.9 2471 1 US-08-185-432-16 Sequence 16, Appl	.9 2471 3 US-08-532-384-19 Sequence 19, Appl	.9 2471 4 US-08-899-232-1 Sequence 1, Appli .9 2471 4 US-09-121-457-1 Sequence 1, Appli	.9 382 4 US-09-907-794A-137 Sequence 137, App	382 4 US-09-902-775A-137 Sequence 137, App	.9 382 4 US-09-906-700-137 Sequence 137, App .9 382 4 US-09-903-603A-137 Sequence 137, App	9 382 4 US-09-904-920A-137 Sequence 137, App	382 4 US-09-905-3814-137 Sequence 137, App	382 4 US-US-SUG-513/ Sequence 13/, App 9 129 3 US-08-722-126A-10 Sequence 10, Appl	9 129 5 PCT-US95-04258-10 Sequence 10, Appl 9 192 4 US-09-541-759-5 Sequence 5, Appli	.8 1479 3 US-08-840-062-2 Sequence 2, Appli .8 1010 3 US-08-882-046-7 Sequence 7, Appli	8 1010 4 US-09-566-047-7 Sequence 8 1036 3 US-09-068-740A-6 Sequence	8 1067 4 US-09-579-536C-18 Sequence	8 1208 4 US-10-213-329-1 Sequence	.8 1218 2 US-08-400-159-6 Sequence .8 1218 3 US-08-611-729A-6 Sequence	8 1218 3 US-08-882-046-2 Sequence 8 1218 3 US-09-214-278-7 Sequence	8 1218 3 US-09-068-740A-11 Sequence 8 1218 4 US-09-855-722-7	8 1218 4 US-09-566-047-2 Sequence 8 1218 4 US-09-917-254-85 Sequence	8 1218 4 US-09-195-524-6 Sequence	1218 4 US-09-949-016-5902 Sequence	.8 1254 4 US-09-949-016-10297 Sequence .8 2556 1 US-08-185-432-17 Sequence	8 2556 4 US-08-899-232-2 Sequence 8 2556 4 US-09-121-457-2 Sequence	7 1964 3 US-09-467-997-1 Sequence	1139 1 US-08-53/-Z10A-4 Sequence	7 2556 1 US-08-083-590A-20 Sequence	7 440 1 US-07-930-686-12 Sequence 12, Appl	7 440 2 US-08-460-998-12 Sequence	7 1248 4 US-09-566-047-6 Sequence	6 203 1 US-08-419-414-8 Sequence	6 203 1 US-08-614-935-3 Sequence 6 203 3 US-09-130-287-3 Sequence	6 202 1 US-08-469-486-56 Sequence	6 233 4 US-09-216-393B-110 Sequence 110, App
721 3 US-08-981-392-5 Sequence 5, Appli 721 4 US-09-908-322-5 Sequence 5, Appli 135 2 US-07-857-224B-103 Sequence 103, App 721 3 US-08-872-855-5 Sequence 7, Appli 721 3 US-08-872-855-7 Sequence 7, Appli 138 2 US-07-857-224B-112 Sequence 112, Appli	6.0 166 1 US-08-614-935-30 Sequence 30, Appl 6.0 166 3 US-09-130-287-30 Sequence 30, Appl 6.0 374 4 US-09-847-166 Sequence 166, App	6.0 134 US-09-621-976-3902 Sequence 3902, App. 6.0 260 4 US-09-638-203-3 Sequence 3, Appli	6.0 1193 2 US-08-400-159-10 Sequence 10, Appl 6.0 1193 3 US-08-611-729A-10 Sequence 10, Appl	50.5 6.0 1193 4 US-09-195-524-10 Sequence 10, Appl 50.5 6.0 2254 4 US-09-016-0270 Sequence 9270 an	150 5.9 2471 1 US-08-185-432-16 Sequence 16, Appl	5.9 2471 3 US-08-532-384-19 Sequence 19, Appl		3.5 5.9 382 4 US-09-907-794A-137 Sequence 137, App	3.5 5.9 382 4 US-09-902-775A-137 Sequence 137, App	3.5 5.9 382 4 US-09-906-700-137 Sequence 137, App 3.5 5.9 382 4 US-09-903-603A-137 Sequence 137, App	5.9 382 4 US-09-904-920A-137 Sequence 137, App. 5.9 382 4 IIS-09-904-0544-137 Sequence 137, App.	7.5 5.9 38.4 US-09-905-381A-137 Sequence 13.7 App	5.9 382 4 US-US-1906-618-13/ Sequence 13/, App. (5.5.9 129 3 US-08-722-126A-10 Sequence 10, Appl	5 5.9 129 5 PCT-US95-04258-10 Sequence 10, Appl 48 5.9 192 4 US-09-541-759-5 Sequence 5, Appli	5.8 1479 3 US-08-840-062-2 Sequence 2, Appli 5.8 1010 3 US-08-882-046-7 Sequence 7, Appli	5.8 1010 4 US-09-566-047-7 Sequence 5.8 1036 3 US-09-068-740A-6 Sequence	5.8 1067 4 US-09-579-536C-18 Sequence 5.8 1187 3 US-09-068-740A-7 Sequence	5.8 1208 4 US-10-213-329-1 Sequence	5.8 1218 2 US-08-400-159-6 Sequence 5.8 1218 3 US-08-611-729A-6 Sequence	5.8 1218 3 US-08-882-046-2 5.8 1218 3 US-09-214-278-7 Sequence	5.8 1218 3 US-09-068-740A-11 Sequence 5.8 1218 4 US-09-855-722-7 Sequence	5.8 1218 4 US-09-566-047-2 Sequence 5.8 1218 4 US-09-917-254-85 Sequence	5.8 1218 4 US-09-195-524-6 Sequence	5.8 1218 4 US-09-949-016-5902 Sequence	5.8 1254 4 US-09-949-016-1029/ Sequence 5.8 2556 1 US-08-185-432-17 Sequence	5.8 2556 4 US-08-899-232-2 Sequence 5.8 2556 4 US-09-121-457-2 Sequence	5.7 1964 3 US-09-467-997-1 Sequence	5.7 1139 1 US-08-53/-210A-4 Sequence 5.7 1139 3 US-09-113-825-4 Sequence	5.7 2556 1 US-08-083-590A-20 Sequence 5.7 2556 3 US-08-532-384-20	3.5 5.7 440 1 US-07-930-686-12 Sequence 12, Appl	5.7 440 2 US-08-460-998-12 Sequence 5.7 1248 3 US-08-882-046-6 Sequence	3.5 5.7 1248 4 US-09-566-047-6 Sequence	142 5.6 203 1 US-08-419-414-8 Sequence	5.6 203 1 US-08-614-935-3 Sequence 5.6 203 3 US-09-130-287-3 Sequence	5.6 202 1 US-08-469-486-56 Sequence	5.6 233 4 US-09-216-393B-110 Sequence 110, App

2005
0
0
S
: 45
••
9
26
••
17:
-
56
N
מ
ġ.
Aug
•
н
ri

Sequence 130, App Sequence 131, App Sequence 15, App Sequence 15, Appl	Sequence 13, Appl Sequence 15, Appl Sequence 5, Appli	Sequence 5, Appli Sequence 3, Appli	Sequence 2, Appli	Sequence 2, Appli Sequence 15095, A	Sequence 7, Appli	Sequence 7, Appli Sequence 4. Appli	Sequence 13, Appl	Sequence 6, Appli	Sequence 2, Appii Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Seguence 2, Appli	Sequence 377, App	Sequence 377, App	Sequence 377, App	Sequence 377, App	Sequence 377, App	Sequence 377, App	sequence 3//, App Sequence 2, Appli	Sequence 7, Appli	Sequence 11, Appl Sequence 8, Appli	Sequence 98, Appl	Sequence 5, Appli	Sequence 7789, Ap Sequence 52, Appl	Sequence 52, Appl	Sequence 46, Appl	Sequence 46, Appl	Sequence 46, Appl	Sequence 46, Appl	Sequence 46, Appl	Sequence 40, Appl Sequence 46, Appl	Sequence 46, Appl	Sequence 46, Appl Sequence 46, Appl	Sequence 46, Appl	Sequence , atent No.	Patent No. 5514582	Sequence 10, Appl	Sequence 2, Appii Sequence 2, Appli	Sequence 4, Appli	Sequence 4, Appli	Sequence 4, Appii Sequence 113, App	Sequence 10685, A	Sequence 6286, Ap	Sequence 33, Appl	Sequence 30, Appl Sequence 25, Appl	Sequence 2, Appli	~ .	~ ·
US-09-03-23-17 US-09-245-041-130 US-09-245-041-15 US-09-245-041-15					US-08-722-126A-7																			US-08-469-486-52																	US-08-404-781-4 US-07-857-224B-11		US-09-949-016-6286					
11429 11429 12787 1489																																																
		00		. o.	0.0	- 0	0.	0.0	. 0	0.	0,0		. 0	0.	0 0	. 0	0.0		. 0	0.	ن م	. 0.	ص م				ص م م	. 0.	م م		. o.	6.	ن ن	<u>ه</u> .	ن م	9.0	o, o	ָיס יַּ	. 0.	٥٠	ກຸດ	. o.	٥.	o. c	ن ن	٥.	ص م	o
127.5 127.5 127.5 27.5	27.5	127	127	127	26.5	26.5	26.5	26.5	26.5	26.5	26.5	126	126	126	126	126	126	126	126	126	125 24 . 5	24.5	24.5	24.5	24.5	124																						
3222																																																
-															•			-													•																	_
Sequence 13, Appl Sequence 8, Appl Sequence 8, Appl	100	24	2, Appli	396, App 6, Appli	Appli	2, Appii 25, Appi	m	m c	10	N	o u	0 0	4	毋;			44.4	# 4		₩.	# 4	.	₩ -		ã,	1 411		` ≃:	<u>-</u>	· m	~		a 0	~ ~	~ ~	1	~ ~	5		~	2 2	;≍	**	× :	Sequence 10498, A Sequence 131, App	3, Appl	132	17, Appl
US-09-908-322-13 Sequence US-09-535-51-8 Sequence BUS-08-469-537A-96 Sequence 9 US-08-469-537A-92 Semino 2	PCT-US95-11684-2 Sequence 2 US-08-597-545-2 Sequence 2	US-08-457-135-2 Sequence 2 US-09-949-016-11031 Sequence 1	US-09-182-024A-2 Sequence 2, Appli	US-09-312-1356 Sequence 336, App US-09-845-583A-6 Sequence 6, Appli	US-09-911-842A-4 Sequence 4, Appli	US-03-341-401-2 US-09-535-521-25 Sequence 25, Appl	US-08-537-210A-3 Sequence 3	US-09-113-825-3 Sequence 3	US-08-278-089A-2 Sequence 2	US-08-838-957A-2 Sequence 2	US-08-278-089A-6 Sequence 6	US-09-796-575-2 Sequence 2	US-09-111-470-4 Sequence 4	US-09-862-802A-4 Sequence 4	US-0/-85/-224B-114 Sequence 1 US-07-857-224B-110 Sequence 1	US-09-065-040-12 Sequence 1	US-09-907-794A-4 Sequence 4	US-09-903-125A-4 sequence 4	US-09-906-700-4 Sequence 4	US-09-903-603A-4 Sequence 4	US-09-904-920A-4 Sequence 4 US-09-909-064-4 Sequence 4	US-09-905-381A-4 Sequence 4	US-09-906-618-4 Sequence 4 US-08-597-545-1 Sequence 1	US-08-457-135-1 Sequence 1	US-09-142-027A-10 Sequence 1	PCT-US95-11684-4 Sequence 4	5514582-11 Patent No. 5514582-11	US-09-188-930-192 Sequence 1	US-09-188-930-332 Sequence 3: US-09-312-283C-192 Semience 1	US-09-312-283C-332 Sequence 3	03-08-403-33/A-3/ 5514582-13 Patent No.	5514582-13 Patent No.	US-U9-541-759-4 Sequence 4, US-09-562-702A-24 Sequence 2,	US-09-561-818A-24 Sequence 24	US-09-562-702A-28 Sequence 28 US-09-562-702A-22 Sequence 23	US-09-561-818A-22 Sequence 2	US-09-538-092-900 Sequence 90	US-09-302-702A-20 Sequence 20 US-08-460-309-5 Sequence 5	US-08-125-077-5 Sequence 5,	US-09-911-842A-2 Sequence 2,	US-09-562-702A-32 Sequence 35 US-09-561-818A-28 Sequence 26	US-09-562-702A-30 Sequence 3(US-09-561-818A-26 Sequence 26	US-09-602-877A-99 Sequence 99	US-09-949-016-10498 Sequence 10 US-09-245-041-131 Sequence 13	US-09-794-236-3 Sequence 3, Appl	US-09-358-0558-132 Sequence 132, Apj	US-09-245-041-17 Sequence 17, Appl
4 US-09-908-322-13 Sequence 4 US-09-535-51-8 Sequence 8 Sequence 9 Sequence 9 US-08-469-537A-96 Sequence 9 4 US-08-793-273C-2 Seminor 5	5 PCT-US95-11684-2 Sequence 2 1 US-08-597-545-2 Sequence 2	1 US-08-457-135-2 Sequence 2 4 US-09-949-016-11031 Sequence 1	3 US-09-182-024A-2 Sequence 2, Appli	4 US-09-314-1831-1396 Sequence 195, App 4 US-09-845-583A-6 Sequence 6, Appli	4 US-09-911-842A-4 Sequence 4, Appli	4 US-09-535-521-25 Sequence 25, Appl	1 US-08-537-210A-3 Sequence 3	3 US-09-113-825-3 Sequence 3	1 US-08-278-089A-2 Sequence 2	2 US-08-838-957A-2 Sequence 2	1 US-08-278-089A-6 Sequence 6 2 US-08-838-957A-6 Semience 6	4 US-09-796-575-2 Sequence 2	3 US-09-111-470-4 Sequence 4	4 US-09-862-802A-4 Sequence 4	2 US-0/-85/-224B-114 Sequence 1. 2 US-07-857-224B-110 Sequence 1.	4 US-09-065-040-12 Sequence 1	4 US-09-907-794A-4 Sequence 4	4 US-09-903-125A-4 Sequence 4 4 US-09-902-775A-4 Semience 4	4 US-09-906-700-4 Sequence 4	4 US-09-903-603A-4 Sequence 4	4 US-09-904-920A-4 Sequence 4 4 US-09-909-064-4 Sequence 4	4 US-09-905-381A-4 Sequence 4	4 US-09-906-618-4 Sequence 4 1 US-08-597-545-1 Sequence 1	1 US-08-457-135-1 Sequence 1	4 US-09-142-027A-10 Sequence 1	5 PCT-US95-11684-4 Sequence 4	6 5514582-11 Patent No. 6 5514582-11 Patent No.	3 US-09-188-930-192 Sequence 19	3 US-09-188-930-332 Sequence 3: 4 US-09-312-283C-192 Semience 10	4 US-09-312-283C-332 Sequence 3	2 03-08-403-33/A-3/ 6 5514582-13 Patent No. 9	6 5514582-13 Patent No.	4 US-09-541-759-4 Sequence 4, 4 US-09-562-702A-24 Sequence 2	4 US-09-561-818A-24 Sequence 24	4 US-09-562-702A-28 Sequence 28	4 US-09-561-818A-22 Sequence 22	4 US-09-538-092-900 Seguence 90	2 US-08-460-309-5 Sequence 5	2 US-08-125-077-5 Sequence 5,	4 US-09-911-842A-2 Sequence 2,	4 US-09-562-702A-32 Sequence 33 4 US-09-561-818A-28 Sequence 28	4 US-09-562-702A-30 Sequence 3(4 US-09-561-818A-26 Sequence 26	4 US-09-602-877A-99 Sequence 99	4 US-09-949-016-10498 Sequence 10 3 US-09-245-041-131 Sequence 13	3 US-09-794-236-3 Sequence 3, Appl	4 US-09-358-055B-132 Sequence 132, Apj	3 US-09-245-041-17 Sequence 17, Appl
2 578 4 US-09-908-322-13 Sequence 3.2 128 4 US-09-535-521-8 Sequence 8.2 1101 2 US-08-469-537A-96 Sequence 9.2 2199 4 US-08-793-273C-2 Sequence 9.2 2199 4 US-08-793-273C-2	2 2199 5 PCT-US95-11684-2 Sequence 2 383 1 US-08-597-545-2 Sequence 2	.2 383 1 US-08-457-135-2 Sequence 2 721 4 US-09-949-016-11031 Sequence 1	2 1523 3 US-09-182-024A-2 Sequence 2, Appli	.2 1799 4 US-09-845-583A-6 Sequence 596, Appli	2 3594 4 US-09-911-842A-4 Sequence 4, Appli	.2 123 4 US-09-535-521-25 Sequence 25, Appl	2 1064 1 US-08-537-210A-3 Sequence 3	.2 1064 3 US-09-113-825-3 Sequence 3 1118 1 HS-07-934-393H-2	2 1118 1 US-08-278-089A-2 Sequence 2	2 1118 2 US-08-838-957A-2 Sequence 2	2 1122 1 US-08-278-089A-6 Sequence 6 2 1122 2 US-08-838-957A-6 Semience 6	2 2200 4 US-09-796-575-2 Sequence 2	1 316 3 US-09-111-470-4 Sequence 4	1 316 4 US-09-862-802A-4 Sequence 4	1 125 2 US-0/-85/-224B-114 Sequence 1. 1 137 2 US-07-857-224B-110 Sequence 1.	1 328 4 US-09-065-040-12 Sequence 1	1 379 4 US-09-907-794A-4 Sequence 4	1 379 4 US-09-903-125A-4 Sequence 4 1 379 4 US-09-902-775A-4 Sequence 4	1 379 4 US-09-906-700-4 Sequence 4	1 379 4 US-09-903-603A-4 Sequence 4	1 3/9 4 US-09-904-920A-4 Sequence 4	1 379 4 US-09-905-381A-4 Sequence 4	1 379 4 US-09-906-618-4 Sequence 4 1 385 1 US-08-597-545-1 Sequence 1	1 385 1 US-08-457-135-1 Sequence 1	1 385 4 US-09-142-027A-10 Sequence 1	1 1810 5 PCT-US95-11684-4 Sequence 4	1 111 6 5514582-11 Patent No. 1 1 111 6 5514582-11 Patent No.	1 299 3 US-09-188-930-192 Sequence 1	1 299 3 US-09-188-930-332 Sequence 3: 1 299 4 US-09-312-283C-192 Semience 1	1 299 4 US-09-312-283C-332 Sequence 3	1 1133 2 03-08-103-33/A-3/ Sequence 9 1 114 6 5514582-13 Patent No. 9	1 114 6 5514582-13 Patent No.	1 220 4 US-09-541-759-4 Sequence 4, 1 1576 4 US-09-562-702A-24 Sequence 2	1 1576 4 US-09-561-818A-24 Sequence 24	1 1584 4 US-09-562-702A-28 Sequence 28 1 1609 4 US-09-562-702A-22 Sequence 23	1 1609 4 US-09-561-818A-22 Sequence 22	1 1609 4 US-09-538-092-900 Sequence 9(1 101/ 4 US-US-202-/UZA-Z6 Sequence Z0 1 3075 2 US-08-460-309-5 Sequence 5,	1 3075 2 US-08-125-077-5 Sequence 5,	1 3571 4 US-09-911-842A-2 Sequence 2,	1 15/2 4 US-U9-562-702A-32 Sequence 3: 1 1572 4 US-U9-561-818A-28 Sequence 26	1 1605 4 US-09-562-702A-30 Sequence 3(1 1605 4 US-09-561-818A-26 Sequence 26	0 197 4 US-09-602-877A-99 Sequence 99	0 1193 4 US-09-949-016-10498 Sequence 10 0 1198 3 US-09-245-041-131 Sequence 13	0 1198 3 US-09-794-236-3 Sequence 3, Appl	0 1198 4 US-09-358-0558-132 Sequence 132, Apr	0 1350 3 US-09-245-041-17 Sequence 17, Appl
578 4 US-09-908-322-13 Sequence 128 4 US-09-535-51-8 Sequence 8 1101 2 US-08-469-537A-96 Sequence 9 299 4 US-08-793-273C-2 Semine 2	31.5 5.2 2199 5 PCT-US95-11684-2 Sequence 2 131 5.2 383 1 US-08-597-545-2 Sequence 2	5.2 383 1 US-08-457-135-2 Sequence 2 5.2 721 4 US-09-949-016-11031 Sequence 1	5.2 1523 3 US-09-182-024A-2 Sequence 2, Appli	5.2 1799 4 US-09-342-388-6 Sequence 396, App 5.2 1799 4 US-09-845-583A-6 Sequence 6, Appli	5.2 3594 4 US-09-911-842A-4 Sequence 4, Appli	3.2 3023 4 US-03-341-401.2 Sequence 2, Appl. 3.5 5.2 123 4 US-09-535-521-25 Sequence 25, Appl	3.5 5.2 1064 1 US-08-537-210A-3 Sequence 3	0.5 5.2 1064 3 US-09-113-825-3 Sequence 3	0.5 5.2 1118 1 US-08-278-089A-2 Sequence 2	3.5 5.2 1118 2 US-08-838-957A-2 Sequence 2	5.2 1122 1 US-08-278-089A-6 Sequence 6	5.5 5.2 2200 4 US-09-796-575-2 Sequence 2	130 5.1 316 3 US-09-111-470-4 Sequence 4	130 5.1 316 4 US-09-862-802A-4 Sequence 4	29.5 5.1 125 2 US-0/-85/-224B-114 Sequence 1.	29.5 5.1 328 4 US-09-065-040-12 Sequence 1.	29.5 5.1 379 4 US-09-907-794A-4 Sequence 4	29.5 5.1 379 4 US-09-905-125A-4 Sequence 4	29.5 5.1 379 4 US-09-906-700-4 Sequence 4	29.5 5.1 379 4 US-09-903-603A-4 Sequence 4	29.5 5.1 379 4 US-09-909-064-4 Sequence 4	5.1 379 4 US-09-905-381A-4 Sequence 4	29.5 5.1 379 4 US-09-906-618-4 Sequence 4. 29.5 5.1 385 1 US-08-597-545-1 Sequence 1	29.5 5.1 385 1 US-08-457-135-1 Sequence 1	29.5 5.1 385 4 US-09-142-027A-10 Sequence 1	29.5 5.1 1810 5 PCT-US95-11684-4 Sequence 4	5.1 111 6 5514582-11 Patent No. 5.1 111 6 5514582-11 Patent No.	5.1 299 3 US-09-188-930-192 Sequence 1	5.1 299 3 US-09-188-930-332 Sequence 3: 5.1 299 4 US-09-312-283C-192 Sequence 10	5.1 299 4 US-09-312-283C-332 Sequence 3	127 3.1 1133 2 02-08-403-33/A-3/ Sequence 9 28.5 5.1 114 6 5514582-13 Patent No. 9	28.5 5.1 114 6 5514582-13 Patent No.	5.1 220 4 US-09-541-759-4 Sequence 4, 5.1 1576 4 US-09-562-702A-24 Sequence 2	28.5 5.1 1576 4 US-09-561-818A-24 Sequence 24	28.5 5.1 1584 4 US-09-562-702A-28 sequence 28	28.5 5.1 1609 4 US-09-561-818A-22 Sequence 2	28.5 5.1 1609 4 US-09-538-092-900 Sequence 90	28.5 5.1 3075 2 US-08-460-309-5 Sequence 5,	28.5 5.1 3075 2 US-08-125-077-5 Sequence 5,	28.5 5.1 3571 4 US-09-911-842A-2 Sequence 2,	5.1 1572 4 US-09-562-702A-32 Sequence 3. 5.1 1572 4 US-09-561-818A-28 Sequence 28	5.1 1605 4 US-09-562-702A-30 Sequence 30	128 5.1 1605 4 US-09-561-818A-26 Sequence 26	27.5 5.0 197 4 US-09-602-877A-99 Sequence 99	5.0 1193 4 US-09-949-U16-10498 sequence 10 5.0 1198 3 US-09-245-041-131 Sequence 13	27.5 5.0 1198 3 US-09-794-236-3 Sequence 3, Appl	27.5 5.0 1198 4 US-09-358-0558-132 Sequence 132, Apr	27.5 5.0 1350 3 US-09-245-041-17 Sequence 17, Appl

Sequence 5, Appli Sequence 5, Appli Sequence 3, Appli Sequence 4, Appli	Sequence 3, Appli Sequence 4, Appli Sequence 1, Appli	Sequence 2, Appli Sequence 1, Appli		Sequence 2, Appli	Sequence 1, Appli	Sequence 2, Appli Sequence 18, Appl	Sequence 14, Appl	Segmence 16, Appl	Sequence 16, Appl	Sequence 3, Appli	Sequence 4, Appli Sequence 2, Appli	Sequence 1, Appli	Sequence 2, Appli Sequence 59, Appl	Sequence 1, Appli	Sequence 2, Appli	Patent No. 5466668	Patent No. 5466668 Sequence 43, Appl	Sequence 43, Appl	Patent No. 5514582	Sequence 34, Appl	Sequence 34, Appl	Sequence 34, Appl	Sequence 34, Appl Sequence 34, Appl	Sequence 7, Appli	Sequence 3, Appli Sequence 7, Appli	Sequence 177, App	Sequence 65, Appl	Sequence 183, App Sequence 183, App	Sequence 10932, A	Sequence 37, Appl	Sequence 37, Appl Sequence 37, Appl	Sequence 37, Appl	Sequence 37, Appl Sequence 1, Appli	Sequence 2, Appli	Sequence 2, Appli Sequence 2, Appli	Sequence 68, Appl	Sequence 29, Appl	Sequence 441, App	Sequence 1, Appli Sequence 11, Appl	Sequence 28, Appl Sequence 6612. Ap	equence 6	Sequence 9059, Ap
US-08-31Z-870-5 US-08-307-444A-5 US-08-597-389-5 US-08-307-444A-3 US-08-307-444A-4																			5514582-12																							US-09-949-016-9058 US-09-949-016-9059
4446 4446 4566 11 13 13 13 13 13 13 13 13 13 13 13 13 1																																										259 4
ងង្គង បំព័ស់សំសំ	4 4 4 . ທີ່ ທີ່ ທີ່	4. 4. r. r.	4. 4. rù rù	4. 4 C. n	4.5	4. 4. r. r.	•			•		•		•		•			. 4 . . 4 .		•	4.	4 4 4 4	4.4	4 4 4 4	4. 4	4	4. 4. 4. 4.	4.4	4 4 4 4	4. 4	4.	4 4 4 4	4.	4. 4. 4. 4.	6.4	4. 4. 	6.4	4. 4. J. E.	4. 4 6. c	. 4. 4 	4. 4.
113.5 113.5 113.5	113.5	113.5 113.5	113.5	113.5	113.5	113.5 113.5	113.5	113.5	113.5	113.5	113.5	133.5	113.5	113.5	113.5	113.5	113.5	113	112.5	112.5	12.5	112.5	112.5 112.5	112	112	112	112	112	111.5	111	111	11	111 110.5	110.5	110.5 110.5	110	110	011	110	5.601	109.5	.09.5 109.5
4 4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6																																										
																																										
Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli		u,	H W	(L) (-		4	- 0	л о	100	~ <	Sequence 4, Appli Sequence 10686, A	Sequence 14, Appl	Sequence 14, Appl Sequence 14, Appl	Sequence 2, Appli	Sequence 109, App Patent No. 5514582	Patent No. 5514582	Sequence 35, Appl Sequence 35, Appl	Sequence 4, Appli	Sequence 2, Appli	Sequence 2, Appli Sequence 2, Appli	Sequence 7517, Ap	Sequence 12, Appl	Sequence 8, Appli Sequence 4, Appli	Sequence 10, Appl	Sequence 2, Appl1 Sequence 6, Appli	Sequence 7, Appli	Sequence 5937, Ap	Sequence 4, Appli Sequence 4, Appli	Sequence 2, Appli	Sequence 15, Appl Sequence 38, Appl	Sequence 11625, A	Sequence 1, Appli	Sequence 10, Appl Sequence 8, Appli	Sequence 3, Appli	Sequence 10272, A Sequence 1, Appli	•	-, ∞	٧.	Sequence 4, Appl1 Sequence 4, Appl1	4. 0		, 3,
Sequence Seq	Sequence 1 Sequence 1	Sequence 5 Sequence 1	Sequence 1	Sequence	Sequence 1	Sequence 4 Sequence 4	Sequence 1	Seguence	Sequence	Sequence 1	Sequence	Sequence	Sequence	Sequence	Sequence Patent No	Patent No	Sequence	Sequence	Sequence	Sequence	Sequence	Sednence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence Sequence	Sequence	Sequence (CT-US91-02321-4 Sequence	S-08-054-077C-2 Sequence 2,	, , ,
2 US-08-438-864-2 Sequence 2 US-08-688-862-2 Sequence 2 US-08-688-747-2 Sequence 2 US-08-643-8668-2 Sequence 2 US-08-443-8668-2 Sequence 2 US-08-443-8668-2	4 US-09-949-UL0-10403 Sequence 1 4 US-09-142-0278-12 Sequence 1	4 US-09-641-612-5 Sequence 5 1 US-08-537-210A-1 Sequence 1	3 US-09-113-825-1 Sequence 1 3 US-08-840-062-6 Sequence 6	4 US-09-194-612A-31 Sequence 3	4 US-09-862-802A-10 Sequence 1	2 US-08-588-342-4 Sequence 4 2 US-09-113-788-4 Sequence 4	4 US-09-862-802A-12 Sequence 1	3 US-09-191-647-9 Sequence 3 US-09-540-245A-9 Sequence 9	3 US-09-540-153-9 Sequence 9	4 US-09-538-092-1076 Sequence 1	2 US-08-/29-103-4 Sequence 4 US-09-949-016-10686 Sequence	3 US-09-191-647-14 Sequence	3 US-09-540-245A-14 Sequence 3 US-09-540-153-14 Sequence	3 US-09-517-605-2 Sequence	6 5514582-10 Patent No	6 5514582-10 Patent No	3 US-08-981-392-35 Sequence 4 US-09-908-322-35 Sequence	4 US-09-065-040-4 Sequence	3 US-09-245-011-2 Sequence	4 US-09-358-0558-2 Sequence 4 US-09-893-238-2 Sequence	4 US-09-949-016-7517 Sequence	4 US-09-562-702A-12 Sequence	4 US-09-562-702A-8 Sequence 4 US-09-562-702A-4 Sequence	4 US-09-562-702A-10 Sequence	4 US-09-562-702A-2 Sequence 4 US-09-562-702A-6 Sequence	4 US-09-561-709B-7 Sequence	4 US-09-949-016-5937 Sequence	2 US-08-460-309-4 Sequence 2 US-08-125-077-4 Sequence	2 US-08-751-305-2 Sequence	4 US-09-257-583-15 Sequence 4 US-10-164-595-38 Sequence	4 US-09-949-016-11625 Sequence	1 US-07-781-248A-1 Sequence	1 US-08-365-103B-10 Sequence 1 US-08-365-103B-8 Sequence	2 US-08-650-598-3 Sequence	4 US-09-949-016-10272 Sequence 4 US-09-194-612A-1 Sequence	4 US-09-949-016-6806 Sequence	4 US-09-949-016-10448 Sequence 1 4 US-09-949-016-8315 Sequence 8	1 US-07-668-648-4 Sequence	2 US-08-429-998-4 Sequence (2 US-08-431-333-4 Sequence (5 PCT-US91-02321-4 Sequence	1 US-08-054-077C-2 Sequence 2,	4 US-09-845-583A-10 Sequence 10, 4 US-09-561-709B-3
US-08-438-864-2 Sequence 2 US-08-628-747-2 Sequence 2 US-08-628-747-2 Sequence 2 US-08-402-253-2 Sequence 2 US-08-443-8668-2 Sequence 2 US-08-443-8668-2	.8 1945 4 US-09-949-ULE-1U4U3 Sequence 1 .8 329 4 US-09-248-796A-15096 Sequence 1 .8 383 4 US-09-248-7027A-15 Sequence 1	.8 585 4 US-09-641-612-5 Sequence 5 .8 1015 1 US-08-537-210A-1 Sequence 1	.8 1015 3 US-09-113-825-1 Sequence 1 .8 1449 3 US-08-840-062-6 Sequence 6	.8 1723 4 US-09-194-612A-31 Seguence 3	.8 273 4 US-09-862-802A-10 Sequence 1	.8 292 2 US-08-688-342-4 Sequence 4 .8 292 2 US-09-113-788-4 Sequence 4	.8 292 4 US-09-862-802A-12 Sequence 1	735 3 US-09-191-647-9 Sequence 9	735 3 US-09-540-153-9 Sequence 9	2871 4 US-09-538-092-1076 Sequence 1	.8 174 4 US-09-949-016-10686 Sequence	243 3 US-09-191-647-14 Sequence	243 3 US-09-340-245A-14 Sequence 243 3 US-09-540-153-14 Sequence	404 3 US-09-517-605-2 Sequence	112 2 US-0/-63/-224B-109 Sequence 114 6 5514582-10 Patent No	114 6 5514582-10 Patent No	196 3 US-08-981-392-35 Sequence 196 4 US-09-908-322-35 Sequence	323 4 US-09-065-040-4 Sequence	1260 3 US-09-245-041-2 Sequence	1260 4 US-09-358-0558-2 Sequence 1260 4 US-09-893-238-2 Sequence	2123 4 US-09-949-016-7517 Sequence	3084 4 US-09-562-702A-12 Sequence	3088 4 US-09-562-702A-8 Sequence 3089 4 US-09-562-702A-4 Sequence	3106 4 US-09-562-702A-10 Sequence	3110 4 US-09-562-702A-2 Sequence 3110 4 US-09-562-702A-6 Sequence	3110 4 US-09-561-709B-7 Sequence	3110 4 US-09-949-016-5937 Sequence	3111 2 US-08-460-309-4 Sequence 3111 2 US-08-125-077-4 Sequence	652 2 US-08-751-305-2 Sequence	214 4 US-09-257-583-15 Sequence 994 4 US-10-164-595-38 Sequence	1854 4 US-09-949-016-11625 Sequence	.6 174 1 US-07-781-248A-1 Sequence	320 1 US-08-365-103B-10 Sequence 321 1 US-08-365-103B-8 Sequence	.6 131 2 US-08-650-598-3 Sequence	.6 647 4 US-09-949-016-10272 Sequence .5 1722 4 US-09-194-612A-1 Sequence	1326 4 US-09-949-016-6806 Sequence	1339 4 US-09-949-016-10448 Sequence 1 1478 4 US-09-949-016-8315 Sequence 8	.5 593 1 US-07-668-648-4 Sequence	593 2 US-08-429-998-4 Sequence 4 593 2 US-08-431-333-4 Sequence 4	593 5 PCT-US91-02321-4 Sequence	799 1 US-08-054-077C-2 Sequence 2,	1587 4 US-09-845-583A-10 Sequence 10, 1587 4 US-09-561-709B-3 Sequence 3,
.9 678 3 US-08-438-864-2 Sequence 2.9 678 3 US-08-688-747-2 Sequence 2.9 678 3 US-08-688-747-2 Sequence 2.9 678 3 US-08-443-8668-2	4.9 1945 4 US-09-949-ULG-1U4U3 Sequence 1 4.8 329 4 US-09-248-7966-15096 Sequence 1 4.8 383 4 US-09-248-70678-15 Sequence 1	4.8 585 4 US-09-641-612-5 Sequence 5 4.8 1015 1 US-08-537-210A-1 Sequence 1	4.8 1015 3 US-09-113-825-1 Sequence 1 4.8 1449 3 US-08-840-062-6 Sequence 6	4.8 1723 4 US-09-194-612A-31 Sequence 3	4.8 273 4 US-09-862-802A-10 Sequence 1	4.8 292 2 US-08-688-342-4 Sequence 4 4.8 292 2 US-09-113-788-4 Sequence 4	4.8 292 4 US-09-862-802A-12 Sequence 1	4.8 /35 3 US-09-191-64/-9 sequence 9	4.8 735 3 US-09-540-153-9 Sequence 9	4.8 2871 4 US-09-538-092-1076 Sequence 1	4.8 166 2 US-US-103-4 Sequence 4.8 174 4 US-09-949-016-10686 Sequence	4.8 243 3 US-09-191-647-14 Sequence	4.8 243 3 US-09-540-245A-14 Sequence	4.8 404 3 US-09-517-605-2 Sequence	4.8 112 2 05-0/-85/-2245-109 Sequence 4.7 114 6 5514582-10	4.7 114 6 5514582-10 Patent No	4.7 196 3 US-08-981-392-35 Sequence	4.7 323 4 US-09-065-040-4 Sequence	4.7 1260 3 US-09-245-041-2 Sequence	4.7 1260 4 US-09-358-0558-2 Sequence	4.7 2123 4 US-09-949-016-7517 Sequence	4.7 3084 4 US-09-562-702A-12 Sequence	4.7 3088 4 US-09-562-702A-8 Sequence 4.7 3089 4 US-09-562-702A-4 Sequence	4.7 3106 4 US-09-562-702A-10 Sequence	4.7 3110 4 US-09-562-702A-2 Sequence	4.7 3110 4 US-09-561-709B-7 Sequence	4.7 3110 4 US-09-949-016-5937 Sequence	4.7 3111 2 US-08-460-309-4 Sequence	4.6 652 2 US-08-751-305-2 Sequence	4.6 214 4 US-09-257-583-15 Sequence	4.6 1854 4 US-09-949-016-11625 Sequence	4.6 174 1 US-07-781-248A-1 Sequence	4.6 320 1 US-08-365-103B-10 Sequence 4.6 321 1 US-08-365-103B-8 Sequence	4.6 131 2 US-08-650-598-3 Sequence	4.6 647 4 US-09-949-016-10272 Sequence	4.5 1326 4 US-09-949-016-6806 Sequence	4.5 1339 4 US-09-949-016-10448 seguence 4.5 1478 4 US-09-949-016-8315 Seguence 8	4.5 593 1 US-07-668-648-4 Sequence	4.5 593 2 US-08-429-998-4 Sequence 4 4.5 593 2 US-08-431-333-4 Sequence 4	4.5 593 5 PCT-US91-02321-4 Sequence	4.5 799 1 US-08-054-077C-2 Sequence 2,	4.5 1587 4 US-09-845-583A-10 Sequence 10, 4.5 1587 4 US-09-561-709B-3 Sequence 3,

10 10 10 10 10 10 10 10	Sequence 335, App Patent No. 5270178 Patent No. 5270178	, 4, 5	4 4	56	28	3 5	2	80	, o	ີດ	5	 6	Sequence 8536, Ap	Ň	N	N	νċ	٩'n	٠.	im	m	N	_	н	H	-	N.	αī.	٠i.	-i -	i	m	٠ī,	m·,		ົທ	٠.	αī,						٠,	٠.,		٠,	٠.,		., .				٠.,	٠, ٥	~ ~	<u>ہ</u>	: =
100 100	US-09-312-283C-335 5270178-16 5270178-16 TG-08-160-4009-9	US-08-162-4028-9 US-08-714-741-44	US-08-380-383A-10	US-08-317-450B-15 US-08-800-593-15	US-09-560-385A-28	US-09-560-385A-32 US-08-317-450B-13	US-08-800-593-13	US-09-560-385A-26	US-08-360-385A-30 US-08-722-126A-9	PCT-US95-04258-9	US-09-248-796A-1509	US-09-482-273-159	US-09-949-016-8536 US-09-482-273-245	US-07-728-215-27	US-08-938-085A-27	US-10-072-844-27	US-IO-072-838-27	US-IO-0/2-04IA-2/ US-10-219-6318-27	US-09-949-016-1074	US-08-144-121-3	US-08-735-893-3	US-08-144-121-2	US-08-735-893-2	US-09-245-041-11	US-09-358-055B-11	US-09-893-238-11	US-09-065-872-2	US-09-667-570A-2	US-09-065-872-1	US-09-667-570A-1	US-08-253-411-1	US-09-667-570A-3	US-10-182-263-1	US-10-182-263-3	US-10-182-263-4 IIS-10-182-263-5	US-10-182-263-6	PCT-US92-10242-1	US-08-756-506-2	US-U8-756-506-4 5270178-13	5270178-14	5270178-15	5270178-13	5270178-14	5270178-15	US-10-162-263-2	US-09-949-016-5921	5225537-2	5270178-2	5270178-17	5270178-18	5225537-2	5270178-2	5270178-17	5270178-18	5460953-3 tts-07-728-218-30	113-08-07-12-30 113-08-938-0858-30	US-US-938-085A-30 US-10-072-844-30	115-10-072-844-30
1107 5 11 10 10 10 10 10 10 10 10 10 10 10 10																																																										
100 100																																																										
100 100	1100	107	103.5	103.5	103.5	103.5	103.5	103.5	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	.02.5	02	05.	02.	05	05.	62	20	05.	02.	8 8	. 5	20	02.	029	200	20	i N	ď	oi.	oi o			ς.	ά.	٠i ر	N C	•			oi.	oi c			
109 4.3 2211 10.10.0052-05.7.1 Sequence 17. Appl. 109 4.3 2211 10.10.0052-05.7.1 Sequence 17. Appl. 109 4.3 231 10.10.0052-05.7.1 Sequence 17. Appl. 109 4.3 231 10.10.0052-05.7.1 Sequence 17. Appl. 109 4.3 231 10.10.005-05.7.1 Sequence 17. Appl. 109 4.3 231 10.10.005-05.7.1 Sequence 17. Appl. 109 4.3 231 10.10.005-05.7.1 Sequence 17. Appl. 109 4.3 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0																																									64 1	1 599	1 99	67	99	170	71 1	72 1	73	74	1 96	177	78 1	79 1	1 1 1	101	1 283	1 1
1009.59 1009.59 1009.59 1009.59 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1007.50 100				•																										••••	•		•				_																					
1009.59 1009.59 1009.59 1009.59 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1009.50 1007.50 100	Sequence 1, Appli Sequence 1, Appli Sequence 17, Appl	Sequence 17, Appl Sequence 17, Appl Sequence 17, Appl	Sequence 17, App.	Sequence 1, Appii Sequence 10882, A	Sequence 5, Appli	Sequence 4, Appli Sequence 3, Appli	Sequence 7, Appli	Sequence 29, Appl	Sequence 29, Appl	Sequence 29, Appl	Sequence 29, Appl	Sequence 29, Appl	Sequence 8983, Ap	Sequence 1, Appli	Sequence 1, Appli	Sequence 45, Appl	Sequence 31, Appl	Segrence 31, Appl	Semience 31, Appl	Sequence 31. Appl	Sequence 31, Appl	Sequence 1, Appli	Sequence 45, Appl	Sequence 4, Appli	Sequence 4, Appli	Sequence 32, Appl	Sequence 32, Appl	Sequence 3, Appli	Sequence 4, Appli	Sequence 32, Appl	equence	equence	eguence	equence	eduence	equence	equence	ednence	equence	editence	equence	equence	ednence	edneuce	adrence	equence	equence	equence	ednence	equence	adrence	equence	equence	equence 8,	equence 72	equence 8,	equence 8.	equence 33
000 1 1 1 1 0 0 0 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1 1 1 0 0 0 0 1	Sequence Sequence Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Segmence	Semence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Semience	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Semence	Sequence	Sequence 8,	Sequence 72	Sequence 8,	Seguence 59	Seduence 33
010 110 110 110 110 110 110 100 100 100	3 US-09-738-884-1 Sequence 4 US-10-096-961A-1 Sequence 3 US-08-991-862-17 Sequence 4 US-09-813-156-17 Sequence	4 US-09-456-886-17 Sequence 4 US-09-456-886-17 Sequence 4 US-09-824-647-17 Sequence	4 US-09-949-016-9467 Sequence	3 US-09-334-220-1 Sequence 4 US-09-949-016-10882 Sequence	4 US-08-933-711B-5 Sequence	4 US-10-006-011A-4 Sequence 4 US-10-006-011A-3 Sequence	4 US-09-706-722A-7 Sequence	2 US-07-728-215-29 Sequence	4 US-10-072-844-29 Sequence	4 US-10-072-838-29 Sequence	4 US-10-072-841A-29 Sequence	4 US-10-219-631A-29 Sequence	4 US-09-949-016-8087 Sequence	2 US-08-789-078-1 Sequence	2 US-08-752-633-1 Sequence	2 US-08-476-062A-45 Sequence	2 US-U/-/28-Z15-31 Sequence	4 IIS-10-072-844-31 Semience	4 US-10-072-838-31 Semience	4 US-10-072-841A-31 Sequence	4 US-10-219-631A-31 Sequence	5 PCT-US95-04886-1 Sequence	5 PCT-US96-01314-45 Sequence	1 US-08-444-792-4 Sequence	1 US-08-445-042-4 Sequence	2 US-07-728-215-32 Sequence	3 US-08-938-085A-32 Sequence	3 US-09-409-648-3 Sequence	3 US-09-409-648-4 Sequence	4 US-10-072-844-32 Sequence	4 US-10-072-841A-32 Semience	4 US-09-054-272-8 Sequence	4 US-09-054-272-44 Sequence	4 US-10-219-631A-32 Sequence	4 US-UY-Y4Y-UIG-DYUL SEQUENCE	1 US-08-148-910-12 Sequence	1 US-08-448-937A-12 Sequence	4 US-08-933-711B-6 Sequence	4 US-U9-747-371-2 Sequence	5 PCT-11596-07709-7 Semience	3 US-09-191-647-5 Sequence	3 US-09-540-245A-5 Sequence	3 US-09-540-153-5 Sequence	3 US-09-724-864-39 Sequence	4 US-US-361-709B-1 Sequence	1 US-08-170-290A-54 Sequence	4 US-09-845-583A-2 Sequence	4 US-09-370-838-206 Sequence	4 US-09-854-133-206 Sequence	4 US-08-450-482B-125 Sequence	4 US-00-450-46ZB-1Z/ Sequence	5 PCT-US93-11725-4 Sequence	3 US-09-111-470-8 Sequence	4 US-09-862-802A-8 Sequence 8,	4 US-09-949-016-7247 Sequence 72	4 US-U9-845-583A-8 Sequence 8,	4 US-09-91/-254-8/ Sequence 8/	4 05-09-444-016-5956 Seguence 55
\cdot	.3 2211 3 US-09-738-884-1 Sequence .3 2211 4 US-10-096-961A-1 Sequence .3 593 3 US-08-991-862-17 Sequence .3 593 4 US-08-91-3156-17 Sequence	.3 593 4 US-09-456-886-17 Sequence 3 593 4 US-09-456-886-17 Sequence 3 593 4 US-09-854-647-17	.3 784 4 US-09-949-016-9467 Sequence	.3 3460 3 US-09-334-220-1 Sequence .3 485 4 US-09-949-016-10882 Sequence	.3 700 4 US-08-933-711B-5 Sequence	.3 705 4 US-10-006-011A-4 Sequence	.3 178 4 US-09-706-722A-7 Sequence	.3 577 2 US-07-728-215-29 Sequence	.3 577 4 US-10-072-844-29 Sequence	.3 577 4 US-10-072-838-29 Sequence	.3 577 4 US-10-072-841A-29 Sequence	3 :577 4 US-10-219-631A-29 Sequence	.3 758 4 US-09-949-016-8987 Sequence	.3 769 2 US-08-789-078-1 Sequence	.3 769 2 US-08-752-633-1 Sequence	.3 769 2 US-08-476-062A-45 Sequence	.3 /69 2 US-U/-/28-Z15-31 Sequence	.3 769 4 HS-10-072-844-31 Segmenter	.3 769 4 US-10-072-838-31 Semience	.3 769 4 US-10-072-841A-31 Sequence	.3 769 4 US-10-219-631A-31 Sequence	.3 769 5 PCT-US95-04886-1 Sequence	.3 769 5 PCT-US96-01314-45 Sequence	.2 718 1 US-08-444-792-4 Sequence	.2 718 1 US-08-445-042-4 Sequence	.2 788 2 US-07-728-215-32 Sequence	.2 788 3 US-08-938-085A-32 Sequence	.2 788 3 US-09-409-648-3 Sequence	.2 788 3 US-09-409-648-4 Sequence	.2 788 4 US-10-072-844-32 Sequence	.2 788 4 US-10-072-841A-32 Semience	.2 788 4 US-09-054-272-8 Sequence	.2 788 4 US-09-054-272-44 Sequence	.2 788 4 US-10-219-631A-32 Sequence	.2 /88 4 US-UY-949-016-59Ul Sequence 2 157 3 118-08-872-855-6	.2 655 1 US-08-148-910-12 Sequence	.2 655 1 US-08-448-937A-12 Sequence	.2 700 4 US-08-933-711B-6 Sequence	.2 999 4 US-U9-747-371-2 Sequence	2 72 5 PCT-11896-07709-7 Semience	.2 160 3 US-09-191-647-5 Sequence	.2 160 3 US-09-540-245A-5 Sequence	.2 160 3 US-09-540-153-5 Sequence	.2 492 3 US-09-724-864-39 Sequence	.2 1/61 4 US-US-361-/USB-1 SEQUENCE	.2 575 1 US-08-170-290A-54 Sequence	.2 3635 4 US-09-845-583A-2 Sequence	.2 197 4 US-09-370-838-206 Sequence	197 4 US-09-854-133-206 Sequence	227 4 US-08-450-482B-125 Sequence	223 4 05-06-450-4525-12/ 5equelice 961 4 119-09-657-472-4	961 5 PCT-US93-11725-4 Sequence	238 3 US-09-111-470-8 Sequence	238 4 US-09-862-802A-8 Sequence 8,	1656 4 US-09-949-016-7247 Sequence 72	1786 4 US-US-845-583A-8 Sequence 8,	1798 4 US-09-917-254-87 Sequence 87	167 3 113-00-04-949-016-0356 Seguence 33
	4.3 2211 3 US-09-738-884-1 Sequence 4.3 2211 4 US-10-096-961A-1 Sequence 4.3 593 3 US-08-991-862-17 Sequence 4.3 593 4 US-08-991-862-17 Sequence	4.3 593 4 US-09-456-886-17 Sequence 4.3 593 4 US-09-456-886-17 Sequence 4.3 593 4 IS-09-456-886-17 Sequence	4.3 784 4 US-09-949-016-9467 Sequence	4.3 485 4 US-09-348-220-1 Sequence	4.3 700 4 US-08-933-711B-5 Sequence	4.3	4.3 178 4 US-09-706-722A-7 Sequence	4.3 577 2 US-07-728-215-29 Sequence	4.3 577 4 US-10-072-844-29 Sequence	4.3 577 4 US-10-072-838-29 Sequence	4.3 577 4 US-10-072-841A-29 Sequence	4.3 577 4 US-10-219-631A-29 Sequence	4.3 758 4 US-09-949-016-8087 Sequence	4.3 769 2 US-08-789-078-1 Sequence	4.3 769 2 US-08-752-633-1 Sequence	4.3 769 2 US-08-476-062A-45 Sequence	4.3 /69 2 US-U/-/28-Z15-31 Sequence	4.3 769 4 IIS-10-072-844-31 Sequence	4.3 769 4 US-10-072-838-31 Semence	4.3 769 4 US-10-072-841A-31 Sequence	4.3 769 4 US-10-219-631A-31 Sequence	4.3 769 5 PCT-US95-04886-1 Sequence	4.3 769 5 PCT-US96-01314-45 Sequence	4.2 718 1 US-08-444-792-4 Sequence	4.2 718 1 US-08-445-042-4 Sequence	4.2 788 2 US-07-728-215-32 Sequence	4.2 788 3 US-08-938-085A-32 Sequence	4.2 788 3 US-09-409-648-3 Sequence	4.2 788 3 US-09-409-648-4 Sequence	4.2 788 4 US-10-072-844-32 Sequence	4.2 788 4 US-10-072-841A-32 Segmence	4.2 788 4 US-09-054-272-8 Sequence	4.2 788 4 US-09-054-272-44 Sequence	4.2 788 4 US-10-219-631A-32 Sequence	4.2 /88 4 US-UY-Y4Y-U16-DYU1 SEQUENCE 4.2 157 3 HG-NR-R72-855-6	4.2 655 1 US-08-148-910-12 Sequence	4.2 655 1 US-08-448-937A-12 Sequence	4.2 700 4 US-08-933-711B-6 Sequence	4.2 yyy 4 US-Uy-747-371-2 Sequence	4.2 72 5 PCT-11896-07709-7 Semience	4.2 160 3 US-09-191-647-5 Sequence	4.2 160 3 US-09-540-245A-5 Sequence	4.2 160 3 US-09-540-153-5 Sequence	4.2 492 3 US-09-724-864-39 Sequence	4.2 1/b1 4 US-US-361-/USB-1 SEQUENCE	4.2 575 1 US-08-170-290A-54 Sequence	4.2 3635 4 US-09-845-583A-2 Sequence	4.2 197 4 US-09-370-838-206 Sequence	4.2 197 4 US-09-854-133-206 Sequence	4.2 227 4 US-08-450-482B-125 Sequence	4.2 223 4 US-US-4525-12/ Sequence	4.2 961 5 PCT-US93-11725-4 Sequence	4.1 238 3 US-09-111-470-8 Sequence	4.1 238 4 US-09-862-802A-8 Sequence 8,	4.1 1656 4 US-09-949-016-7247 Sequence 72	4.1 1/96 4 US-US-845-585A-6 Sequence 8,	4.1 1798 4 US-UY-YI/-Z54-8/ Sequence 8/	4.1 1821 4 US-US-US-UIS-DISS SEQUENCE DI

Sequence 2, Appli Sequence 37, Appl Sequence 17, Appl Sequence 17, Appl Sequence 4, Appli Sequence 4, Appli	Sequence 45035, A Sequence 3, Appli Sequence 19, Appl	Sequence 89, Appl Sequence 5942, Ap	Patent No. 5217870 Patent No. 5217870	sequence 7, Appli Sequence 650, App	Sequence 5, Appli Sequence 2, Appli	Sequence 15, Appl Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli Sequence 15, Appl	Sequence 2, Appli	Sequence 6, Appli Sequence 6, Appli	Sequence 5, Appli	Sequence 5, Appli	Sequence 19, Appl	Sequence 11467, A	Sequence 11468, A Sequence 8273, Ap	Sequence 8274, Ap	Sequence 243, App Sequence 5, Appli	Sequence 9, Appli	sequence 3, Appli Sequence 5, Appli	Sequence 2, Appli	Sequence 1, Appii Sequence 2, Appli	Sequence 2, Appli	Patent No. 5514582	Patent No. 5514582 Seguence 10130, A	Sequence 2, Appli	sequence 1, Appii Sequence 11369, A	Sequence 11370, A	Sequence 11371, A	Sequence 11519, A	Sequence 9771, Ap	Sequence 13, Appl Sequence 13, Appl	Sequence 13, Appl	Sequence 13, Appl	Sequence 13, Appl	Sequence 13, Appl	Patent No. 5514582 Patent No. 5514582	Sequence 18, Appl	Sequence 16, Appl	Sequence 20, Appl Sequence 70, Appl	Sequence 23, Appl	Sequence 23, Appl	Sequence 21, Appl Sequence 21, Appl	Sequence 18, Appl
US-09-051-624A-2 US-08-274-661B-37 US-08-465-794-17 US-09-049-813-17 PCT-US93-10418-4 US-09-270-767-43579	SN SN SN	Sn	222	SS	SS SS	us	as	Sn	Sn	Sn	as	Sn	Sign	an	SO	Sn	Sn	Sn	SB	Sn	ŝ	US D	5.5	55.	Sn	SS	US.	S S	SD	Ŕ	Sin	g	US-09-548-376D-13	48-366F-1	48-368D-1		98-554-1	98-554-1	98-554- <i>2</i> 00-489-7	25-94	76-838-2	25-940-2 76-838-2	25-940-1
80 3 120 1 177 2 177 3 199 5 258 4																														073		088	2088 4	2088 4	880		155 4						
~~~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				• •			• •		•			•		•						•		•					•		•	. o.	م م	. 0.	<u>ه</u> ه	. o.	0.0			•					
0 0 0 0 0 0 0 0 0 0 0 0	თ თ თ თ თ თ	000	n o o	y 0 y 0	99 98.5	98.5	2 2 2	98.5 98.5	98.5	. o o	98.5	98.5	98.5	98.5	38.5	98.5	38.5	98.5	. s.	28.5	98.5	98.5	98	8 B	97.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	5.7.5	97.5	76	76	97	76	97	760	7 0	97
758 759 760 761 762	764 765 766	767	770	772																				802												820	822	823	824	826	827	828	830
	Sequence Sequence S	Sequence	Sequence 3	Sequence 4	Sequence	Sequence	Sequence	Sequence Sequence 2	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence 3	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 9	Sequence 8	Sequence 8	Sequence 2	Sequence 6	Sequence 6	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 3
Sequence Sequence Sequence Sequence Sequence Patent No.	Sequence Sequence S	Sequence	Sequence 3	Sequence 4	Sequence	Sequence	Sequence	Sequence Sequence 2	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence 3	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 9	Sequence 8	Sequence 8	Sequence 2	Sequence 6	Sequence 6	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 3
4 US-10-072-841A-30 Sequence 3 US-10-219-631A-30 Sequence 4 US-09-949-016-6193 Sequence 5 US-09-086-436-30 Sequence 5 5256770-7 Patent No.	6 5256770-7 4 US-09-949-016-7017 Sequence 7 4 US-09-949-016-8169 Sequence 8	4 US-09-949-016-8170 Sequence 3 US-08-900-230-3 Sequence	2 US-08-/18-388-9 Sequence 3 US-08-884-072-1 Sequence 2 TC-06-313-168-1	4 US-09-409-096-4 Sequence 4	4 US-09-949-016-7403 Sequence 7 4 US-08-933-7118-16 Sequence 1	3 US-09-183-861-22 Sequence 3 US-09-183-861-55 Sequence 5	3 US-09-022-765-22 Sequence 2	3 US-09-022-765-55 Sequence 5 4 US-09-551-974A-22 Sequence 2	4 US-09-551-974A-55 Sequence	4 US-09-565-501A-22 Sequence 2 4 US-09-565-501A-55 Sequence 5	4 US-09-639-206A-22 Sequence 2	4 US-09-639-206A-55 Sequence 5	4 US-09-874-923-55 Sequence	4 US-08-798-841-22 Sequence 2	1 US-08-282-141-3 Sequence 3 1 US-08-435-434-1 Sequence 1	1 US-08-435-436-1 Sequence 1	2 US-08-438-863-1 Sequence 1 2 US-08-438-864-1 Sequence 1	3 US-08-438-862-1 Sequence 1	3 US-08-402-253-1 Sequence 1	3 US-08-443-866B-1 Sequence 1	3 US-09-375-419-10 Sequence 1	4 US-09-874-923-121 Sequence 1	4 US-09-949-016-10131 Sequence 1	4 US-09-949-016-9626 Sequence 9 US-09-052-469-8 Sequence B	4 US-08-422-582-8 Sequence 8	4 US-09-052-262-8 Sequence 8 2 US-08-460-751-2 Sequence 2	4 US-09-479-467A-2 Sequence 2	3 US-09-052-469-6 Sequence 6 4 US-08-422-582-6 Sequence 6	4 US-09-052-262-6 Sequence 6	2 US-08-460-309-15 Sequence 1	2 US-08-125-077-15 Sequence 1	4 US-08-933-711B-18 Sequence 1	3 US-09-245-041-19 Sequence 1	4 US-09-893-238-19 Sequence 1	4 US-09-560-385A-12 Sequence 1	3 US-09-191-647-10 Sequence 1	3 US-09-540-153-10 Sequence 1	4 US-09-004-730A-112 Sequence 1	4 US-08-981-799A-112 Sequence 1 4 US-09-004-730A-119 Sequence 1	4 US-08-981-799A-119 Sequence 1	4 US-09-004-730A-115 Sequence 1	4 US-08-981-799A-115 Sequence 1 2 US-08-276-967-2 Sequence 2	3 US-08-663-191A-3 Sequence 3
US-10-072-841A-30 Sequence US-10-219-631A-30 Sequence US-09-949-016-6193 Sequence US-09-086-436-30 Sequence US-09-257-583-7 Patent No.	572 6 5256770-7 790 4 US-09-949-016-7017 Sequence 7 790 4 US-09-949-016-8169 Sequence 8	790 4 US-09-949-016-8170 Sequence 8 1417 3 US-08-900-230-3 Sequence 3	5405 5 US-08-718-388-9 Sequence 3 448 2 US-08-884-072-1 Sequence 1	448 4 US-09-409-096-4 Sequence 4	504 4 US-09-949-016-7403 Sequence 7 663 4 US-08-933-711B-16 Sequence 1	320 3 US-09-183-861-22 Sequence 3 320 3 US-09-183-861-55 Sequence 5	320 3 US-09-022-765-22 Sequence	320 3 US-09-022-765-55 Sequence 5 320 4 US-09-551-974A-22 Sequence 2	320 4 US-09-551-974A-55 Sequence	320 4 US-09-565-501A-22 Sequence 2 320 4 US-09-565-501A-55 Sequence 5	320 4 US-09-639-206A-22 Sequence 2	320 4 US-09-639-206A-55 Sequence 5	320 4 US-09-874-923-55 Sequence 5	320 4 US-08-798-841-22 Sequence 2	673 1 US-08-282-141-3 Sequence 3	673 1 US-08-435-436-1 Sequence 1	673 2 US-08-438-863-1 Sequence 1 673 2 US-08-438-864-1 Semience 1	0 673 3 US-08-438-862-1 Sequence 1	6/3 3 US-08-628-/4/-1 Sequence 1 673 3 US-08-402-253-1 Sequence 1	0 673 3 US-08-443-866B-1 Sequence	676 3 US-09-375-419-10 Sequence 1	709 4 US-09-874-923-121 Sequence 1	970 4 US-09-949-016-10131 Sequence 1	1106 4 US-09-949-016-9626 Sequence 9	4302 4 US-08-422-582-8 Sequence 8	4302 4 US-09-US-26Z-8 Sequence 8 4303 2 US-08-460-751-2 Sequence 2	4303 4 US-09-479-467A-2 Sequence 2	4339 4 US-08-422-582-6 Sequence 6	0 4339 4 US-09-052-262-6 Sequence 6	0 243 2 US-08-460-309-15 Sequence 1	0 243 2 US-08-125-077-15 Sequence 1	0 592 4 US-08-933-711B-18 Sequence 1	0 871 3 US-09-245-041-19 Sequence 1	0 8/1 4 US-09-893-238-19 Sequence 1	0 1694 4 US-09-560-385A-12 Sequence 1	9 154 3 US-09-191-647-10 Sequence 1	9 154 3 US-09-540-153-10 Sequence 1	238 4 US-09-004-730A-112 Sequence 1	238 4 US-08-981-799A-112 Sequence 1 242 4 US-09-004-730A-119 Sequence 1	242 4 US-08-981-799A-119 Sequence 1	264 4 US-09-004-730A-115 Sequence 1	264 4 US-08-981-799A-115 Sequence 1	80 3 US-08-663-191A-3 Sequence 3
798 4 US-10-072-841A-30 Sequence 798 4 US-10-219-631A-30 Sequence 798 4 US-09-949-016-6193 Sequence 2732 4 US-09-086-436-30 Sequence 156 4 US-09-257-583-7 Patent No.	4.0 572 6 5256770-7 Patent No. 4.0 790 4 US-09-949-016-7017 Sequence 7 4.0 790 4 US-09-949-016-8169 Sequence 8	4.0 790 4 US-09-949-016-8170 Sequence 8 4.0 1417 3 US-08-900-230-3 Sequence	4.0 5405 5 US-08-718-388-9 Sequence 3 US-08-884-072-1 Sequence 3 US-08-503-160-1	4.0 448 4 US-09-409-096-4 Sequence 4	4.0 504 4 US-09-949-016-7403 Sequence 7 4.0 663 4 US-08-933-711B-16 Sequence 1	4.0 320 3 US-09-183-861-22 Sequence 2 4.0 320 3 US-09-183-861-55 Sequence 5	4.0 320 3 US-09-022-765-22 Sequence 2	4.0 320 3 US-09-022-765-55 Sequence 5 4.0 320 4 US-09-551-974A-22 Sequence 2	4.0 320 4 US-09-551-974A-55 Sequence	4.0 320 4 US-09-565-501A-22 Sequence 2	4.0 320 4 US-09-639-206A-22 Sequence 2	4.0 320 4 US-09-639-206A-55 Sequence	4.0 320 4 US-09-874-923-55 Sequence 5	4.0 320 4 US-08-798-841-22 Sequence 2	4.0 673 1 US-08-282-141-3 Sequence 3	4.0 673 1 US-08-435-436-1 Sequence 1	4.0 673 2 US-08-438-863-1 Sequence 1 4.0 673 2 US-08-438-864-1 Sequence 1	4.0 673 3 US-08-438-862-1 Sequence 1	4.0 6/3 3 US-08-628-/4/-1 Sequence 1 4.0 673 3 US-08-402-253-1 Sequence 1	4.0 673 3 US-08-443-866B-1 Sequence 1	4.0 676 3 US-09-375-419-10 Sequence 1	4.0 709 4 US-09-874-923-121 Sequence 1	4.0 970 4 US-09-949-016-10131 Sequence 1	4.0 1106 4 US-09-949-016-9626 Sequence 9	4.0 4302 4 US-08-422-582-8 Sequence 8	4.0 4302 4 US-US-US-262-8 Sequence 8	4.0 4303 4 US-09-478-2 Sequence 2	4.0 4339 4 US-08-422-582-6 Sequence 6	4.0 4339 4 US-09-052-262-6 Sequence 6	4.0 243 2 US-08-460-309-15 Sequence 1	4.0 243 2 US-08-125-077-15 Sequence 1	4.0 592 4 US-08-933-711B-18 Sequence 1	4.0 871 3 US-09-245-041-19 Sequence 1	4.0 871 4 US-09-893-238-19 Sequence 1	4.0 1694 4 US-09-560-385A-12 Sequence 1	3.9 154 3 US-09-191-647-10 Sequence 1	3.9 154 3 US-09-540-153-10 Sequence 1	3.9 238 4 US-09-004-730A-112 Sequence 1	3.9 238 4 US-08-981-799A-112 Sequence 1	3.9 242 4 US-08-981-799A-119 Sequence 1	3.9 264 4 US-09-004-730A-115 Sequence 1	3.9 264 4 US-08-981-799A-115 Sequence 1 3.9 2476 2 US-08-276-967-2 Sequence 2	3.9 80 3 US-08-663-191A-3 Sequence 3

33, Appl 33, Appl 33, Appl 10793, A 6215, Ap 72, Appli 1258, Ap 17, Appli 17, Appli	Appli Appli Appli 3, Appl 3, Appl Appli Appli Appli Appli Appli	-n - m m m 4 m - m	, O , O H O , , N L ( O O N O , , H 4 4 D O O , , M M M O O	2, Appl 4, Appl Appli 6, Appl 6, Appl 4, Appl 4, Appl 4, Appl 6, Appl 6, Appl 6, Appl
Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence	equence dequence dequ	Sequence 8 Sequence 8 Sequence 5 Sequence 3 Sequence 3 Sequence 3 Sequence 2 Sequence 2 Sequence 2 Sequence 2 Sequence 1 Sequence 1	equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence	
-0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0.072 -0		133A 133A 133A 132- 132- 132- 138- 1488- 1488- 1488- 1488- 1488-	US-09-478-148 US-09-534-376A-8 US-09-534-376A-8 US-09-534-376A-58 US-09-514-376A-58 US-09-214-982-29 US-09-214-982-29 US-09-914-259-35 US-09-949-016-6216 US-09-949-016-6216 US-09-949-016-6216 US-09-949-016-9978 US-08-949-016-9978 US-08-949-016-10341 US-08-949-016-10341 US-09-949-016-10341 US-09-949-016-10341 US-09-949-016-10341 US-09-949-016-10341 US-09-949-016-10341 US-09-949-016-10341 US-09-949-016-10341 US-09-949-016-10341 US-09-349-016-10341 US-09-358-0589-13	US-09-561-7089-12 US-09-560-385A-14 US-08-1144-121-4 US-08-735-893-4 US-09-552-702A-16 US-09-561-818A-16 US-09-561-818A-14 US-09-561-702A-14 US-09-551-708B-9 US-09-538-092-869 US-09-538-092-869
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	33333333333333333333333333333333333333		44444444444444444444444444444444444444	1170 4 1170 4 1196 1 1196 1 1196 2 1765 4 1786 4 17
		, , , , , , , , , , , , , , , , , , ,	нч	
		Ა Ტ Ტ Ტ Ტ Ტ Ტ Ტ Ტ Ტ Ტ Ტ Ტ Ტ Ტ Ტ Ტ Ტ Ტ Ტ	ਰਾ ਰਾ ਰਾ ਰਾ ਰਾ ਰਾ ਰਾ	m
	11111111111111111111111111111111111111	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	٥
· · · · · · · · · · · · · · · · · · ·	<i>.</i>	, , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , ,	<b>Რ</b> Რ Რ Რ Რ Რ Რ Რ Რ Რ Რ Რ
8 8 4 4 4 4 4 4 5 5		225, 255, 255, 255, 255, 255, 255, 255,	1000 m44 000 m	33, 33, 33,
Sequence 18 Sequence 2, Sequence 74 Sequence 44 Sequence 44 Sequence 42 Sequence 42 Sequence 42 Sequence 63	Sequence 5, Sequence 5, Sequence 29, Sequence 18, Sequence 18, Sequence 18, Sequence 599, Sequence 5	Sequence 59 Sequence 25 Sequence 25 Sequence 25 Sequence 25 Sequence 25 Sequence 27 Sequence 27 Sequence 8, Sequence 8,	Sequence 1. Sequence 2. Sequence 3. Sequence 3. Sequence 3. Sequence 3. Sequence 1. Sequence 2. Sequence 2. Sequence 3. Sequence 2. Sequence 3. Sequence 2. Sequen	Sequence 10, Sequence 6, Sequence 31, Sequence 31, Sequence 20, Sequence 11, Sequence 11, Sequence 33, Sequence 33,
2 US-08-976-838-18 Sequence 18 3 US-09-214-555B-2 Sequence 2, 4 US-09-214-555B-7 Sequence 7, 4 US-09-578-063-29-44 Sequence 74 US-09-060-299-44 Sequence 44 US-09-060-299-44 Sequence 44 US-09-402-923A-42 Sequence 42 US-09-369-364A-13 Sequence 13 US-09-270-767-45893 Sequence 5, US-08-270-767-45893 Sequence 5, US-08-270	2 US-09-113-788-5 Sequence 5, 3 US-09-1113-788-5 Sequence 5, 4 US-09-862-802A-5 Sequence 29, 4 US-09-849-847-293 Sequence 29, 4 US-09-949-016-9962 Sequence 29, 4 US-09-636-215-590 Sequence 59, 4 US-09-685-166A-590 Sequence 59, 4 US-09-679-426-590 Sequence 59, 4 US	4 US-09-759-149-590 Sequence 5-97 2 US-08-820-170A-25 Sequence 25-93 3 US-09-055-699-25 Sequence 25-93 3 US-09-565-25 Sequence 25-93 3 US-09-565-25 Sequence 25-93 3 US-09-976-165-25 Sequence 25-976-165-25 Sequence 25-976-165-25 Sequence 25-976-165-25 Sequence 25-976-165-25 Sequence 25-976-165-25 Sequence 25-976-165-25 Sequence 27-978-97-171B-8 Sequence 27-978-97-9715-1718-8 Sequence 27-978-97-9715-1718-8 Sequence 21-978-97-9715-1718-8 Sequence 21-978-97-97-97-97-97-97-97-97-97-97-97-97-97-	4 US-09-949-016-11300 Sequence 1. US-09-949-016-11367 Sequence 1. US-09-949-016-11367 Sequence 1. US-09-949-016-11368 Sequence 1. US-09-949-016-11368 Sequence 2. US-09-529-904-3 Sequence 3. US-09-949-016-8450 Sequence 3. US-09-949-016-8450 Sequence 3. US-09-949-016-8450 Sequence 3. US-09-9479-11-1 Sequence 2. US-09-907-7948-34 Sequence 3. US-09-907-7948-34 Sequence 3. US-09-906-0134 Sequence 3. US-09-906-0138-34 Sequence 3. US-09-9138-18 Sequence 2. US-09-9138-18 Sequence 2. US-09-9138-18 Sequence 2. US-09-9138-18 Sequence 3. US-09-9138-19 Sequence 3. US-09-9138-18 Sequence 3. US-09-913	3 US-08-772-440-10 Sequence 10, 3 US-09-11-735-6 Sequence 6, 3 US-09-11-735-6 Sequence 31, 3 US-09-823-0388-20 Sequence 31, 3 US-09-823-0388-20 Sequence 20, 3 US-09-923-15-1 Sequence 1, 3 US-09-011-735-1 Sequence 1, 2 US-07-728-215-33 Sequence 33, 4 US-10-072-844-33 Sequence 33, 4 US-10-072-844-33 Sequence 33, 5
8 915 2 US-08-976-838-18 Sequence 18 915 3 US-09-214-555B-2 Sequence 2, 8 1436 4 US-09-214-555B-7 Sequence 7, 8 1436 4 US-09-578-063-78 Sequence 74 18 1586 4 US-09-060-299-44 Sequence 44 10S-09-060-299-44 Sequence 44 10S-09-060-299-42 Sequence 44 10S-09-402-993A-42 Sequence 42 18 1614 4 US-09-402-99-43 Sequence 42 18 1882 3 US-09-369-364A-13 Sequence 13 18 291 2 US-08-688-342-5 Sequence 5, 8 291 2 US-08-688-342-5 Sequence 5, 9 291 2 US-08-688-342-5	.8 291 2 US-09-113-788-5 Sequence 5, 8 291 3 US-09-111-470-5 Sequence 5, 8 291 4 US-09-186-802A-5 Sequence 29, 8 296 4 US-09-862-802A-5 Sequence 29, 8 311 4 US-09-94-016-9962 Sequence 29, 8 335 4 US-09-94-016-9962 Sequence 18, 347 4 US-09-685-166A-590 Sequence 59, 8 347 4 US-09-685-166A-590 Sequence 59, 9 347 4 US-09-685-166	8 347 4 US-09-51-236-590 Sequence 597 8 374 2 US-09-651-236-590 Sequence 25 8 374 3 US-09-055-699-25 Sequence 25 8 374 3 US-09-055-699-25 Sequence 25 8 374 3 US-09-561-38-25 Sequence 25 8 374 3 US-09-661-468-25 Sequence 25 8 374 4 US-09-976-165-25 Sequence 25 8 374 5 PCT-US95-06385-2 Sequence 27 8 374 5 PCT-US95-06385-2 Sequence 27 8 482 4 US-08-933-7118-8 Sequence 27 8 505 1 US-09-220-60383-10 Sequence 27 8 505 1 US-09-440-016-11365 Sequence 97	8 657 4 US-09-999-016-11300 Sequence 1.8 657 4 US-09-999-016-11300 Sequence 1.8 1388 4 US-09-949-016-11367 Sequence 1.8 1388 4 US-09-949-016-11368 Sequence 2.8 1388 4 US-09-643-048A-6 Sequence 3.8 1497 4 US-09-529-904-3 Sequence 3.8 120 6 5447911-1 Patent NO. 18 120 6 5447911-1 Patent NO. 18 120 6 5447911-1 Sequence 2.8 237 3 US-09-949-016-8450 Sequence 2.8 237 3 US-09-911-470-2 Sequence 2.8 237 3 US-09-911-470-2 Sequence 2.8 237 3 US-09-907-794A-34 Sequence 2.8 237 3 US-09-907-794A-34 Sequence 3.8 215 4 US-09-906-0134 Sequence 2.8 215 4 US-09-906-0134 Sequence 2.8 215 4 US-09-906-0134 Sequence 2.8 215 4 US-09-561-818A-20 Sequence 2.8 216 2 US-09-561-818A-20 Sequence 2.8 216 2 US-09-910-0134 Sequence 2.8 216 2 US-09-910-0134 Sequence 2.8 216 2 US-09-561-818A-18 Sequence 2.8 216 2 US-09-910-0134 Sequence 2.8 216 2 US-09-910-0134 Sequence 2.8 216 2 US-09-561-818A-18 Sequence 2.8 216 2 US-09-561-818A-18 Sequence 2.8 216 2 US-09-910-0134 Sequence 2.8 216 2 US-09-910-0134 Sequence 2.8 216 2 US-09-561-818A-18 Sequence 2.8 216 2 US-09-561-818A-18 Sequence 2.8 216 2 US-09-910-0134 Sequ	126         3         US-08-772-440-10         Sequence 10           8         161         3         US-09-772-440-8         Sequence 6, Sequence 6, Sequence 7, Sequence 1, Sequence 7, Sequence 7, Sequence 7, Sequence 7, Sequence 3, Sequence
97 3.8 915 2 US-08-976-838-18 Sequence 18 97 3.8 915 3 US-09-214-555B-2 Sequence 2, 97 3.8 1436 4 US-09-214-555B-7 Sequence 7, 97 3.8 1586 4 US-09-60-299-44 Sequence 74 97 3.8 1586 4 US-09-060-299-44 Sequence 44 97 3.8 1614 4 US-09-060-293A-42 Sequence 42 97 3.8 1614 4 US-09-060-293-43 Sequence 42 97 3.8 1614 4 US-09-369-364A-13 Sequence 13 97 3.8 1882 3 US-09-369-364A-13 Sequence 13 97 3.8 1882 1 US-09-270-767-45893 Sequence 5, 97 3.8 1882 1 US-09-270-767-45893 Sequence 5,	5.5 3.8 291 2 US-09-113-788-5 Sequence 5, 5.5 3.8 291 3 US-09-111-470-5 Sequence 5, 5.5 3.8 291 4 US-09-186-802A-5 Sequence 29, 5.5 3.8 311 4 US-09-489-847-293 Sequence 29, 5.5 3.8 313 4 US-09-949-016-9962 Sequence 29, 5.5 3.8 314 4 US-09-512-283C-186 Sequence 18, 5.5 3.8 347 4 US-09-512-590 Sequence 59, 5.5 3.8 347 4 US-09-685-166A-590 Sequence 59, 5.5 347 540-590 Sequence 59, 5.5 347 5	3.8 347 4 US-U5-U59-L34-590 Sequence 5.97 3.8 374 2 US-08-820-170A-25 Sequence 25.38 3.8 374 3 US-09-055-69-25 Sequence 25.38 3.8 374 3 US-09-055-538-25 Sequence 25.38 3.8 374 3 US-09-567-156-25 Sequence 25.38 3.8 374 4 US-09-576-165-25 Sequence 25.38 3.8 374 4 US-09-276-165-25 Sequence 25.38 3.8 374 4 US-09-277-18-8 Sequence 25.38 3.8 374 5 PCT-US95-06385-2 Sequence 27.38 3.8 482 4 US-09-277-18-8 Sequence 27.38 3.8 505 1 US-09-220-6338-10 Sequence 27.38 3.8 505 1 US-09-420-60318-18 Sequence 97.38 3.8 505 1 US-09-220-60318-18 Sequence 97.38 3.8 505 1 US-09-220-60318-18 Sequence 97.38 3.8 505 1 US-09-49-016-11365 Sequence 97.38	15. 3.8 657 4 US-09-949-016-11360 Sequence 1.5 3.8 1389 4 US-09-949-016-11367 Sequence 1.5 3.8 1388 4 US-09-949-016-11367 Sequence 1.5 3.8 1388 4 US-09-949-016-11367 Sequence 1.5 3.8 1389 4 US-09-949-016-11367 Sequence 2.5 3.8 1497 4 US-09-959-016-8450 Sequence 3.8 1497 4 US-09-959-016-8450 Sequence 3.8 120 6 5447911-1 Partent NO. 96 3.8 120 6 5447911-1 Partent NO. 96 3.8 120 6 5447911-1 Partent NO. 96 3.8 120 6 5447911-1 Sequence 1.0 Sequence 1.0 Sequence 2.0 Sequence 2.0 Sequence 3.0 Sequence	3.8 126 3 US-08-772-440-10 Sequence 10, 3.8 161 3 US-09-011-735-6 Sequence 6, 3.8 161 3 US-09-011-735-6 Sequence 6, 3.8 176 3 US-09-772-440-8 Sequence 31, 3.8 317 3 US-09-383-586-20 Sequence 31, 3.8 351 3 US-09-011-735-1 Sequence 1, 3.8 351 3 US-09-011-735-1 Sequence 1, 3.8 846 3 US-09-012-15-3 Sequence 1, 3.8 846 3 US-09-038-085A-33 Sequence 33, 3.8 846 4 US-10-072-844-33 Sequence 33, 3.8 846 4 US-10-072-844-33

8/1800 - 70	Application of the control of the co
Sequence 2 Sequence 3 Sequence 2 Sequence 2 Sequence 2 Sequence 3 Sequence 4 Sequence 5 Sequence 6	.40ruuwww.00urce
	ថល់លំលំលំលំលំលំលំលំលំលំលំលំលំលំលំលំលំលំ
-238A-286 -991A-22703 -016-8814 -016-8814 -016-9661 -016-9661 -016-9661 -016-9661 -016-9661 -016-961 -016-961 -016-105-2 -016-105-2 -016-105-2 -016-105-2 -016-105-2 -016-105-2 -016-105-2 -016-105-2 -016-105-2 -016-105-2 -016-105-2 -016-105-2 -016-105-2 -016-105-2 -016-105-2 -016-105-2 -016-105-2 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -011A-8 -01A-8 -01A-8 -01A-8 -01A-8 -01A-8 -01A-8 -01A-8 -01A-8 -01A-8 -01A-8	0-177-308-4 9-548-7978-6 9-369-334A-7 8-996-083-1 9-429-516-3 9-429-516-3 9-429-957-37 8-630-957-37 9-879-957-37 9-879-957-37 9-878-8 0-552-6508-7 0-552-126A-8 0-552-126A-8 0-552-126A-8 0-552-126A-8 0-552-126A-8 0-552-126A-8 0-552-126A-8 0-552-126A-8 0-552-126A-8 0-552-126A-8 0-552-126A-8 0-552-126A-8
US-09-510-238A-28 US-09-49-016-881- US-09-49-016-881- US-08-468-81-881- US-08-949-016-881- US-08-949-016-966-2 US-08-915-096A-2 US-08-915-096A-2 US-08-915-096A-2 US-08-915-016-10-2 US-08-915-10-2 US-08-915-2	US-10-177-308- US-10-177-308- US-09-548-7978- US-08-996-083- US-08-99-516- US-08-429-516- US-08-429-516- US-08-429-516- US-09-597- US-09-597- US-09-597- US-09-597- US-09-597- US-08-722-1268- US-09-597- US-09-597- US-09-597- US-09-597- US-09-436-063C US-08-722-1268- US-08-722-1268- US-08-722-1268- US-08-722-1268- US-08-722-1268- US-08-722-1268- US-08-722-1268- US-08-722-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-08-72-1268- US-
4441WW411WW40W4444444WW40W44444WW4WW4WW4WW4WW4WW4	.4466666666666666666666666666666666666
2552	849 849 849 11156 11156 11156 11833 1833 1833 1158 1158 1159
, , , , , , , , , , , , , , , , , , ,	
98999999999999999999999999999999999999	88 88 88 88 88 88 88 88 88 88 88 88 88
10000000000000000000000000000000000000	7
	<u> </u>
A A A A A A A A A A A A A A A A A A A	Appl Appl Appl Appl Appl Appl Appl Appl
00,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Sequence	
Sequence	Sequence 12, Sequence 20, Sequence 20, Sequence 20, Sequence 20, Sequence 13, Sequence 19, Sequence 19, Sequence 19, Sequence 19, Sequence 15, Seque
Sequence	sequence 12, sequence 20, sequence 20, sequence 2, sequence 2, sequence 13, sequence 19, sequence 19, sequence 19, sequence 15, sequenc
Sequence	sequence 12, sequence 20, sequence 20, sequence 2, sequence 2, sequence 13, sequence 19, sequence 19, sequence 19, sequence 15, sequenc
482-677-10 58quence 668-648-6 58quence 431-333-6 58quence 813-156-2 58quence 813-156-2 58quence 813-156-2 58quence 824-647-2 58quence 824-647-2 58quence 826-014A-2 58quence 826-014A-2 58quence 826-014A-2 58quence 827-368-2 58quence 826-795-2 58quence 826-795-2 58quence 827-788-8 58quence 826-795-2 58quence 827-868-2 58quence 828-795-2 58quence 828-795-3 58quence 829-99-3 58quence 829-	340-5394-15 Sequence 13, 460-309-20 Sequence 20, 240-309-20 Sequence 20, 209-62-2 Sequence 20, 209-62-2 Sequence 20, 209-72-6 Sequence 20, 209-72-6 Sequence 19, 264-203-206-19 Sequence 19, 264-20 Sequence 19, 264-20 Sequence 19, 264-20 Sequence 19, 266-19 Sequence 15, 260-0984-59 Sequence 15, 262-991A-18125 Sequence 18, 262-991A-18125 Sequence 18, 262-991A-18125 Sequence 18, 263-2091A-18125 Sequence 18, 263-2091A-1
105-08-482-677-10         Sequence           4 US-10-033-174-10         Sequence           1 US-07-668-648-6         Sequence           2 US-08-429-988-6         Sequence           3 US-08-431-333-6         Sequence           4 US-09-813-156-2         Sequence           4 US-09-813-16-2         Sequence           5 US-08-91-862-2         Sequence           1 US-08-296-014A-2         Sequence           1 US-08-296-014A-2         Sequence           2 US-08-206-014A-2         Sequence           3 US-08-296-014A-2         Sequence           4 US-09-287-36B-2         Sequence           5 US-08-736-2         Sequence           6 US-09-61-708B-13         Sequence           7 US-09-61-708B-13         Sequence           8 US-09-61-708B-13         Sequence           9 US-09-61-708B-13         Sequence           10 US-09-61-708B-13         Sequence           10 US-09-61-84B-2         Sequence           10 US-09-61-84B-2         Sequence           10 US-09-61-84B-2         Sequence           10 US-08-61-84B-3         Sequence           10 US-08-61-84B-3         Sequence           10 US-08-61-84B-3         Sequence           10 US-08-61-84B-3<	1 US-08-340-334-15 2 US-08-460-309-20 2 US-08-460-309-20 2 US-08-460-309-20 2 US-08-401-530A-2 2 US-08-401-530A-2 2 US-08-401-530A-2 2 US-08-709-662-2 3 US-08-312-283C-381 4 US-09-635-872A-19 4 US-09-635-872A-19 5 Sequence 19, 5 Sequence 19, 6 US-09-636-060C-19 6 US-09-636-552-19 7 US-09-636-596C-19 8 US-09-636-69C-19 8 US-09-69C-19 8 US-09C-19 8 US-09
US-08-482-677-10  US-10-033-174-10  US-08-482-677-10  US-08-482-677-10  US-08-429-68-68-68-68-68-68-68-68-68-68-68-68-68-	1 US-08-340-334-15 2 US-08-460-309-20 2 US-08-460-309-20 2 US-08-460-309-20 2 US-08-401-530A-2 2 US-08-401-530A-2 2 US-08-401-530A-2 2 US-08-709-662-2 3 US-08-312-283C-381 4 US-09-635-872A-19 4 US-09-635-872A-19 5 Sequence 19, 5 Sequence 19, 6 US-09-636-060C-19 6 US-09-636-552-19 7 US-09-636-596C-19 8 US-09-636-69C-19 8 US-09-69C-19 8 US-09C-19 8 US-09
580         105-08-482-677-10         Sequence           589         105-033-174-10         Sequence           589         105-033-174-10         Sequence           589         105-033-174-10         Sequence           589         105-08-429-998-6         Sequence           589         105-08-413-33-6         Sequence           589         105-08-91-862-2         Sequence           589         105-08-91-862-2         Sequence           589         105-08-91-862-2         Sequence           589         405-09-812-165-2         Sequence           589         105-09-812-165-2         Sequence           589         105-08-10-122-6         Sequence           083         105-08-10-122-6         Sequence           083         105-08-10-162-2         Sequence           083         105-08-10-162-2         Sequence           083         105-08-10-162-2         Sequence           083         105-08-10-162-2         Sequence           083         105-08-10-162-1         Sequence           084         105-08-10-16-1         Sequence           085         105-08-10-16-1         Sequence           105-08-10-10-10-1         105-08-1	119 1 US-08-340-139-18 Sequence 18, 169 2 US-08-460-309-20 Sequence 20, 169 2 US-08-460-309-20 Sequence 20, 174 2 US-08-412-077-20 Sequence 20, 174 2 US-08-103-08-20 Sequence 20, 174 2 US-08-109-662-2 Sequence 20, 175 1 US-08-909-725-6 Sequence 20, 175 1 US-08-909-725-6 Sequence 19, 105-08-909-725-6 Sequence 19, 105-08-909-725-6 Sequence 19, 105-08-963-6060-19 Sequence 19, 105-09-636-596-19 Sequence 19, 105-09-636-596-19 Sequence 19, 105-09-636-596-19 Sequence 19, 105-09-636-686-19 Sequence 19, 105-09-986-552-19 Sequence 19, 105-09-986-552-19 Sequence 19, 105-09-933-711B-15 Sequence 19, 105-09-933-711B-15 Sequence 19, 105-09-252-991A-18125 Sequence 18, 105-09-252-991A-18125
289 3 US-08-482-677-10 Sequence 7 589 1 US-0-033-174-10 Sequence 7 589 2 US-08-429-98-6 Sequence 7 589 2 US-08-429-98-6 Sequence 7 589 3 US-08-429-98-6 Sequence 7 589 4 US-09-456-886-2 Sequence 7 589 4 US-09-456-886-2 Sequence 7 589 4 US-09-456-886-2 Sequence 7 1083 1 US-08-296-014A-2 Sequence 7 1083 1 US-08-296-014A-2 Sequence 7 1083 1 US-08-296-014A-2 Sequence 7 1083 1 US-08-296-104A-2 Sequence 7 1083 1 US-08-296-104A-2 Sequence 7 1083 2 US-08-296-104B-2 Sequence 7 1083 2 US-08-296-104B-2 Sequence 7 1083 4 US-09-561-709B-13 Sequence 7 1083 4 US-09-561-709B-13 Sequence 7 1083 4 US-09-562-877-86 Sequence 7 1083 4 US-09-287-61B-3 Sequence 7 1083 4 US-09-562-877-86 Sequence 7 1084 4 US-09-562-877-86 Sequence 7 1080 4 US-09-560-385A-34 Sequence 7 1080 4 US-09	3.6 119 1 US-08-340-1393-13 Sequence 13 3.6 169 2 US-08-460-309-20 Sequence 20 3.6 169 2 US-08-460-309-20 Sequence 20 3.6 169 2 US-08-401-530A-2 Sequence 20 3.6 174 2 US-08-105-662-2 Sequence 20 3.6 174 2 US-08-109-662-2 Sequence 20 3.6 175 1 US-08-909-725-6 Sequence 20 3.6 492 4 US-09-512-287C-381 Sequence 19 3.6 492 4 US-09-635-07A-19 Sequence 19 3.6 492 4 US-09-636-059-19 Sequence 19 3.6 492 4 US-09-636-19 Sequence 19 3.6 492 4 US-09-986-552-19 Sequence 19 3.6 492 4 US-09-986-552-19 Sequence 19 3.6 492 4 US-09-986-596-19 Sequence 19 3.6 492 4 US-09-988-59-19 Sequence 19 3.6 492 4 US-08-933-711B-15 Sequence 15 3.6 136 2 US-08-933-711B-15 Sequence 15 3.6 136 2 US-08-52-991A-18125 Sequence 18

2002
56:45
11:
Aug 26
Fri

10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.000   10.0000   10.0000   10.0000   10.0000   10.0000   10.00	Sequence 6, Appli Sequence 18, Appli Sequence 6, Appli Sequence 5, Appli	Sequence 5, Appli	Sequence 3, Appli	Sequence 3, Appli Sequence 3, Appli	Sequence 148, App	Sequence 148, App Sequence 148, App	Sequence 148, App	Sequence 148, App	Seguence 148, App	Sequence 148, App	Sequence 148, App	Sequence 26217, A Sequence 30, Appl	Sequence 30, Appl	Sequence 9, Appli	Sequence 9, Appli Sequence 20, Appl	Sequence 24, Appl	Sequence 20, Appl	Sequence 20, Appl	Sequence 19, Appl	Sequence 1, Appli	Sequence 1, Appli	Sequence 13, Appl	Sequence 29, Appl	Sequence 15, Appl Sequence 8, Appli	Sequence 30240, A	Patent No. 5177197	Sequence 9, Appli	Sequence 9, Appli	Sequence 6, Appli	Sequence 6, Appli	Sequence 6, Appli	Patent No. 5208144	Sequence 18, Appl	Sequence 8254, Ap	Sequence 12, Appl	Sequence 8, Appli	Sequence 5971, Ap	Patent No. 5177197	Sequence 25, Appl	Sequence 25, Appl	Sequence 39, Appl Sequence 39, Appl	Sequence 4, Appli	Sequence 43, Appl	Sequence 4, Appli	Sequence 43, Appi Sequence 3. Appli	Sequence 3, Appli	Sequence 29, Appl	Sequence 29, Appl	Sequence 7, Appli	Sequence 10301, A	Sequence 10303, A	Sequence 10304, A
15. 5.75 (19-29-29-101-1122-2) Sequence 1156; A 1119-112-2 (19-29-11-11-11-11-11-11-11-11-11-11-11-11-11	US-09- US-10- US-10- US-08-	-60-SD	US-08-	-60-SD	US-09-907-794A-14	US-09-905-125A-14	US-09-906-700-148	US-09-903-603A-14	US-09-904-920A-14	US-09-905-381A-14	US-09-906-618-148	US-09-252-991A-2621 US-10-136-227A-30	-60-SD	-60-SD	US-09-	US-08-	-80-SD	-80-SD	-60-SD	-60-SD	-80-SD	US-08-	-80-SD	-80-SD	US-09-252-991A-3024	517719	SI7/197-1 US-08-252-493C-	US-09-276-197-9	US-09-249-697A-	US-10-136-227A-	US-09-981-649A-	5208144-3 5208144-3	US-08-162-809-18	US-09-949-016-825	US-08-162-809-1	US-08-482-847-8	US-09-949-016-5	5177197-	US-09-060-299-25	US-09-402-923A-2	US-09-060-299-39 US-09-402-923A-3	US-09-060-299-4	US-09-060-2	US-09-402-923A-4	US-09-402-923A-4 US-09-060-299-3	US-09-402-9	US-09-060-299-29	US-09-402-923A-2	US-07-893-929A-7	US-09-949-016-1030 US-09-949-016-1030	US-09-949-016-1030	US-09-949-016-1030
15. 5.75 4 (10.00 - 24.9-101-110.25 ) A partners of 12.5			926	544 544	347								554	601	119																			966	110	063	394	394	451	451	584	591	291	591	591	615	639	639				
15.5 575 4 100-100-2016-101255 8 Sequence 11267, A p. 1110-2016-101255 10-10-2016-101255 8 Sequence 11267, A p. 1110-2016-101255 10-10-2016-101255 8 Sequence 11267, A p. 1120-2016-101255 10-10-2016-101255 8 Sequence 11267, A p. 1120-2016-101255 10-10-2016-101255 8 Sequence 11267, A p. 1120-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-101255 10-10-2016-1012	დ დ დ დ 4. 4. 4. 4.	4. 4	. 6.	ω ω 4. 4.	4.6	. 4.	3.4	ω. 4. 4	4.4	. A.	3.4	ω ω 4. 4.	3.4	3.4	ω ω 4. 4.	3.4	3.4	ω κ 4. 4	3.4	4.6	ы с 4. 4	. 4.	3.4	ω ω 4. 4.	3.4	ω . 4	ω ω 4. 4.	3.4.	4.4	η M • 4.	4.6	w	. 4.					•		•									٠.	•		
15.5 575 4 100 100 100 100 100 100 100 100 100 1	87 87 87	87	87	87	6		. 6		ی ه		6			٠.	<u>.</u> ه	98	98	98	98	98	98	98	98	9 8	98	980	9 89	98	986	98	98	98	98	98	989	98	86	9 9	98	98	9 6	86	86	96	9 8	98	98	œ	'n.	ດ ທ		
15.5 975 4 100 995 90 106 11126 8 sequence 11256, A p. 100 995 90 106 11126 8 sequence 11256, A p. 100 995 90 106 11126 8 sequence 11256, A p. 100 995 90 106 11126 8 sequence 11252, A p. 100 995 90 106 11126 8 sequence 11252, A p. 100 995 90 106 11126 8 sequence 1152, A p. 100 995 90 106 11126 8 sequence 1152, A p. 100 995 90 106 11126 8 sequence 1152, A p. 100 995 90 106 11126 9 sequence 1152, A p. 100 995 90 106 11126 9 sequence 1152, A p. 100 995 90 106 11126 9 sequence 1152, A p. 100 995 90 106 11126 9 sequence 1152, A p. 100 995 90 106 11126 9 sequence 1152, A p. 100 995 90 106 11126 9 sequence 1152, A p. 100 995 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106 90 106	1196 1197 1198	1200	1202	1203	1205	1207	1208	1209	1210	1212	1213	1214	1216	1217	1218	1220	1221	1222	1224	1225	1226	1228	1229	1230	1232	1233	1234	1236	1237	1239	1240	1241	1243	1244	1245	1247	1248	1249	1251	1252	1253	1255	1256	1257	8571 1258	1260	1261	1262	1263	1264	1266	1267
					•																												-																			
												~ ~		•	• •			_	equence ;	ednence	equence ;	ednence :	equence	equence	ednence ;	equence	equence	equence 1	equence	equence ;	equence 3	equence	equence 1	equence 1	equence	ednence ,	ednence	equence	equence ;	equence	equence	ednence	equence ;	edneuce	equence	equence	equence	equence	equence	equence	eduence (	equence (
๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛	US-09-949-016-10299 Sequence US-09-949-016-11264 Sequence US-09-949-016-11265 Sequence US-09-949-016-11266 Sequence	US-09-949-016-11267 Sequence	US-09-949-016-6910 Sequence	US-09-949-016-11522 Sequence US-09-188-930-336 Sequence	US-09-312-283C-336 Sequence	US-08-397-897-2 Sequence (US-09-156-836B-2 Sequence (US-08-156-836B-2 Seque	US-09-248-796A-15283 Sequence	US-08-663-566A-17 Sequence	US-08-023-610-1/ Sequence . US-08-288-0652-17 Seminance .	US-08-362-240A-17 Sequence	PCT-US95-10245-17 Sequence	US-08-325-071-63 Sequence ( US-08-461-004A-63 Sequence (	US-09-589-892B-2 Sequence	US-07-978-895-4 Sequence	US-08-473-119-4 Sequence 4 US-08-475-352-4 Sequence 4	US-09-170-699-4 Sequence	5183884-4 Patent No.	5183884-4 Patent No. IIS-09-949-016-8022	US-08-896-449A-2 Sequence	US-09-132-652-2 Sequence	US-09-886-900A-2 Sequence 7	US-07-893-929A-5 Sequence	PCT-US92-10344-5 Sequence	US-09-520-781-20 Sequence 3	US-08-313-288B-20 Sequence	US-08-832-488-2 Sequence	US-08-460-309-16 Sequence 1 US-08-125-077-16 Sequence 1	US-09-205-258-1116 Sequence	US-09-914-259-34 Sequence	US-08-480-229C-IO Sequence 1	US-09-784-358-14 Sequence	US-09-784-358-12 Sequence 1	US-09-627-650B-1 Sequence	US-09-436-063C-1 Sequence 1	US-09-784-358-2 Sequence 7	US-09-534-119A-2 US-09-621-976-4812 Sequence	US-08-480-229C-29 Sequence	US-08-659-235C-29 Sequence 2	US-08-166-316-2 Sequence 2	US-09-644-460-37 Sequence	US-08-484-438-10 Sequence 1 US-08-469-537A-103 Semience 1	US-08-484-438-4 Sequence	US-08-484-438-2 Sequence	US-08-644-271-30 Sequence	US-09-077-955-34 Sequence 3	118-09-600-932-27 Semience	US-09-949-016-5907 Sequence	US-09-949-016-9370 Sequence	US-09-949-016-9075 Sequence	US-09-914-259-36 Sequence	118-09-636-0778-6 Semience	118-09-636-07-08-6 Segmence 6
	4 US-09-949-016-10299 Sequence 4 US-09-949-016-11265 Sequence 4 US-09-949-016-11265 Sequence 4 US-09-949-016-11266 Sequence	4 US-09-949-016-11267 Sequence	036 4 US-09-949-016-6910 Sequence	049 4 US-09-949-016-11522 Sequence 3 274 3 US-09-188-930-336 Sequence 3	4 US-09-312-283C-336 Sequence	3 US-08-397-897-2 3 US-09-156-836B-2 Seguence	4 US-09-248-796A-15283 Sequence	2 US-08-663-566A-17 Sequence	2 US-08-023-610-1/ Sequence 3 US-08-288-0652-17 Semience 3	2 US-08-362-240A-17 Sequence :	5 PCT-US95-10245-17 Sequence	1 US-08-325-071-63 Sequence ( 3 US-08-461-004A-63 Secuence (	746 4 US-09-589-892B-2 Sequence	342 1 US-07-978-895-4 Sequence	342 2 US-08-473-119-4 Sequence 4	342 4 US-09-170-699-4 Sequence	343 6 5183884-4 Patent No.	343 6 5183884-4 Patent No. 340 4 118-00-049-016-8022	813 3 US-08-896-449A-2 Sequence 3	813 3 US-09-132-652-2 Sequence	813 4 US-09-886-900A-2 Sequence 3	132 1 US-07-893-929A-5 Sequence 2	5 PCT-US92-10344-5 Sequence	4 US-09-520-781-20 Sequence 3 4 US-09-054-272-18 Sequence 3	1 US-08-313-288B-20 Sequence	4 US-08-832-488-2 Sequence	2 US-08-460-309-16 Sequence 3 US-08-125-077-16 Sequence 3	4 US-09-205-258-1116 Sequence	4 US-09-914-259-34 Sequence	2 US-08-480-229C-10 Sequence 3	4 US-09-784-358-14 Sequence	845 4 US-09-784-358-12 Sequence 3	652 4 US-09-627-650B-1 Sequence	652 4 US-09-436-063C-1 Sequence	691 4 US-09-784-358-2 Sequence 2	4 US-09-534-119A-2 Sequence 4	2 US-08-480-229C-29 Sequence 2	2 US-08-659-235C-29 Sequence 2	1 US-08-166-316-2 Sequence 2	4 US-09-644-460-37 Sequence	2 US-08-484-438-10 Sequence 2 US-08-469-5378-103 Semience 3	2 US-08-484-438-4 Sequence	2 US-08-484-438-2 Sequence 2	2 US-08-644-271-30 Sequence	4 US-09-077-955-34 Sequence 3	4 IIS-09-198-903C-2	4 US-09-949-016-5907 Sequence	4 US-09-949-016-9370 Sequence	4 US-09-949-016-9075 Sequence	4 US-09-914-259-36 Sequence	4 US-09-636-0778-6 Semience 6	4 135-09-636-07-06-6 Sequence 6
	.5 205 4 US-09-949-016-10299 Sequence .5 575 4 US-09-949-016-11265 Sequence .5 575 4 US-09-949-016-11265 Sequence .5 575 4 US-09-949-016-11265 Sequence	.5 575 4 US-09-949-016-11267 Sequence	.5 1036 4 US-09-949-016-6910 Sequence	.5 1049 4 US-09-949-016-11522 Sequence 3	.5 274 4 US-09-312-283C-336 Sequence	.5 430 3 US-08-89/-89/-2 Sequence .	.5 574 4 US-09-248-796A-15283 Sequence	.5 615 2 US-08-663-566A-17 Sequence	.5 615 2 US-08-023-610-1/ Sequence .	.5 615 2 US-08-362-240A-17 Sequence:	.5 615 5 PCT-US95-10245-17 Sequence	.5 650 1 US-08-325-071-63 Sequence (	.5 746 4 US-09-589-892B-2 Sequence	.5 1342 1 US-07-978-895-4 Sequence	.5 1342 2 US-08-473-119-4 Sequence 4	.5 1342 4 US-09-170-699-4 Sequence	.5 1343 6 5183884-4 Patent No.	.5 1343 6 5183884-4 Patent No. 5 1360 4 HS-09-949-016-8022	.5 2813 3 US-08-896-449A-2 Sequence;	.5 2813 3 US-09-132-652-2 Sequence	.5 2813 4 US-09-886-900A-2 Sequence 2	.5 132 1 US-07-893-929A-5 Sequence .	.5 132 S PCT-US92-10344-5 Sequence	.5 302 4 US-09-520-781-20 Sequence 3 356 4 US-09-054-272-18 Sequence 3	.5 1170 1 US-08-313-288B-20 Sequence	.5 225 4 US-08-832-488-2 Sequence	.5 243 2 US-08-460-309-16 Sequence 3	.5 292 4 US-09-205-258-1116 Sequence	.5 452 4 US-09-914-259-34 Sequence	.5 480 2 US-08-480-229C-10 Sequence 3	.5 771 4 US-09-784-358-14 Sequence	.5 845 4 US-09-784-358-12 Sequence 3	.5 1652 4 US-09-627-650B-1 Sequence	.5 1652 4 US-09-436-063C-1 Sequence 1	.5 1691 4 US-09-784-358-2 Sequence 2	.5 122 4 US-09-621-976-4812 Sequence	.5 221 2 US-08-480-229C-29 Sequence	.5 221 2 US-08-659-235C-29 Sequence 237 2 HS 08-188-838-188	.5 454 1 US-166-316-2 Sequence 2	.5 717 4 US-09-644-460-37 Sequence	.5 911 2 US-08-484-438-10 sequence 5 1005 2 US-08-469-5378-103 Sequence 1	.5 1058 2 US-08-484-438-4 Sequence	.5 1308 2 US-08-484-438-2 Sequence 2	.5 1940 2 US-08-644-271-30 Sequence	.5 1940 4 US-09-077-955-34 Sequence 3	4 248 4 HS-09-190-903-27 Segmenter 2	.4 248 4 US-09-949-016-5907 Sequence	.4 263 4 US-09-949-016-9370 Sequence	.4 365 4 US-09-949-016-9075 Sequence	4 481 4 US-09-914-259-36 sequence	4 515 4 US-09-635-8725-6 Semience	.4 515 4 03-03-636-07/A-6 Segmence 6

Patent No. 5208144 Sequence 24, Appl Sequence 6, Appli Sequence 1359, Ap Sequence 24, Appl Sequence 20, Appl	10,	315,	315,	317	315,	, ,,,	4. 4			- ('	1 (*)	(*) (	., -			4.1	٧.	1 (4	(1 -		П.	7 6	6	Sequence 23, Appl	'n,	9 6	17	u u	13	8 1	4,1	ທີ່ທ	'n	ທີ່ດ	'n	11.	125	4	4	4, (	, i	7	ם נ		'n	4	12
5208144-8 US-08-600-982-24 US-09-560-385A-6 US-09-538-092-1359 PCT-US94-10261A-24 US-08-278-089A-20	US-09-553-769-10 US-08-312-870-7 US-09-907-794A-315	US-09-905-125A-315 US-09-902-775A-315	US-09-906-700-315	US-09-904-903A-315 US-09-904-920A-315	US-09-909-064-315 US-09-905-381A-315	US-09-906-618-315	US-09-270-767-46765 US-08-325-071-67	US-08-323-0/1-8/ US-08-461-004A-67	US-08-110-158-4	US-U9-949-016-10271 DCT-TISSE-03747-3	US-08-801-263A-3	US-09-102-248-3	US-09-367-764-3	US-08-838-957A-17	US-09-531-056A-18	US-09-270-767-41770	US-09-034-916-2 US-09-949-016-10311	US-08-665-259-21	US-08-762-500-21	US-09-206-551-18	US-09-902-540-15636	US-09-949-016-11112 US-08-093-453B-3	US-09-657-472-2	US-08-278-063A-23	US-08-465-794-3	US-U9-U49-813-3 US-08-274-661B-39	US-08-340-539A-17	US-U8-4U1-53UA-5 US-08-709-662-5	US-09-227-853A-13	US-08-465-794-18 US-09-049-813-18	US-08-663-191A-4	US-07-749-001-5 US-08-154-198-5	US-08-463-335-5	US-08-464-023A-5	PCT-US94-07587-2	US-08-450-482B-111	US-08-450-482B-109 US-08-660-963-12	US-09-813-819-4	US-09-920-048-4	US-10-014-501-4	US-US-813-819-2 US-09-920-048-2	US-10-014-501-2	US-08-484-438-9	US-09-544-398B-3 US-09-544-398B-4	US-09-543-771B-3	S-09-543-771B-4	-09-902
8884 6 7113 3 7113 4 713 5	10 10 0			n	Φ.Φ					~ ~	245	245	245		_						897	063	170														270 4 498 2								615 4	615 4	867 4
	نسنس	ייי ייי	. m. e	j uj	u u	i w.	wi u	i ui	. m. c	 		ω.	ن. 1	i ui	i m	w, c	j u	. m.	wi n	j m.	w. r	. w.	.3	j wi	m. (	n m	e, e		۳.	j uj	۳.	wi w	. m	m, n	i w	ų.	ຕຸຕຸ	: n	. m	w. c	.j (r	. r.	E.	ښ. د د	j. w.	٠.	.3
	' <b>ਹਾ</b> ਹਾ	' বা' ব	. 4.	ਰਾਵਾ	ਰਾ ਦ	. 4	কাৰ		· বা •	ਦਾ ਦ	r =#	₹.	<b>₹</b> † 1/	0 10	ın	ın ı	ο ισ		un u	ı ın	ın ı	0 10	10.1	2 E	m (	n m	m (	n m	m .	n m	··	m m		m a		· ·	m m			m (	~ ~						· ·
13442 13443 13445 13445 1465	1348 1349 1350	1351	1353	1354 1355	1356	1358	1359	1361	1362	1363	1365	1366																														_	_	1410			
										,,,										,																											
9 9 9 9 9 9 7 4 4 K W L 1 9	e 389, Api e 2, Appl e 2, Appl	9 6 6	, 5 , 7	9 9 9 7	9 6	5 6	25	equence 11	equence 1	equence 3,	'n	equence 4,	Sequence 4, Appli	1 2	Ξ	ď,	-i -	12	200	3 %	8	7 2	Ή,	Sequence 4, Appli Sequence 19, Appl	8		-		24	2 5	5	36	18	ښر	ini	7	Patent No. 5258288 Patent No. 5258288	4	'n	m i	m u	'n	m	Sequence 3, Appli	'nΞ	17	22
Sequence 2, Sequence 4, Sequence 4, Sequence 3, Sequence 3,	Sequence 38: Sequence 2, Sequence 2,	Sequence 54	Seguence 7,	Sequence 30 Sequence 30	Sequence 8,	Sequence 13	Sequence 13	Sequence 11	Sequence 12	Sequence 3,	Sequence 3,	Sequence 4,	Sequence 4,	Sequence 13	Sequence 11	Sequence 2,	Sequence 1,	Sequence 24	Seguence 24	Sequence 32	Sequence 32	Sequence 1,	Sequence 11	Sequence 4, Sequence 19	Sequence 28	Sequence 7, Sequence 7,	Sequence 7,	Seguence 7,	8 Sequence 24	Sequence 23	Sequence 15	Sequence 36	9 Sequence 20	Sequence 1,	Sequence 2,	Sequence 2,	Patent No. 5	Sequence 4,	Sequence 3,	Segmence 3,	Sequence 11	Sequence 17,	Patent No. 52				
2 US-08-464-637-2 Sequence 2, 2 US-08-401-530A-4 Sequence 4, 2 US-08-70-662-4 Sequence 4, 2 US-09-226-852-3 Sequence 3, 4 US-09-249-016-10537 Sequence 100	4 US-09-312-283C-389 Sequence 38 3 US-08-482-677-2 Sequence 2, 4 US-10-033-174-2 Sequence 2,	3 US-09-724-864-54 Sequence 25	4 US-09-751-389-7 Sequence 7	2 US-08-449-645A-30 Sequence 30 US-08-702-367A-30 Sequence 30	4 US-09-751-389-8 Sequence 8, 2 US-08-449-645A-13 Sequence 13	2 US-08-702-367A-13 Sequence 13	5 PCT-US95-04681-13 Sequence 13	4 US-09-62/-650B-II Sequence II	4 US-09-902-540-12243 Sequence 12	5 PCT-US95-02251-3 Sequence 3,	2 US-08-1199-780-3 Sequence 3,	3 US-08-479-722B-4 Sequence 4,	4 US-09-592-685-4 Sequence 4,	4 US-09-5/8-063-14 sequence 14 4 US-09-578-063-13 Sequence 13	4 US-09-578-063-11 Sequence 11	4 US-09-560-385A-2 Sequence 2,	3 US-09-051-624A-1 Seguence 1,	3 US-09-363-316B-24 Sequence 24	4 US-10-136-227A-24 Sequence 24	4 US-10-136-227A-32 Sequence 32	4 US-09-981-649A-32 Sequence 32	4 US-19-949-016-81/5 sequence 81 4 US-10-009-332-1 Sequence 1,	4 US-09-949-016-11332 Sequence 11	. 3 US-08-506-296B-4 Sequence 4, 2 US-08-838-957A-19 Sequence 19	4 US-09-252-991A-28869 Sequence 28	1 US-08-441-629-7 Sequence 7, 3 US-08-776-207-7 Sequence 7,	3 US-09-507-773-7 Sequence 7,	5 FCT-US95-091/2-/ Sequence 7, 4 HS-09-127-946-12 Semience 12	4 US-09-252-991A-24568 Sequence 24	4 US-09-252-991A-23091 Sequence 23 2 HS-08-525-940-15 Semience 15	2 US-08-976-838-15 Sequence 15	4 US-09-270-767-36214 Sequence 36	4 US-09-252-991A-20649 Sequence 20	1 US-07-907-190-1 Sequence 1,	1 US-0/-363-631-2 Sequence 2,	1 US-08-267-387-2 Sequence 2,	6 5258288-4 Patent No. 5 5258288-4 Patent No. 5	1 US-08-282-141-4 Sequence 4,	1 US-08-435-434-3 Sequence 3,	1 US-08-435-436-3 Sequence 3,	2 US-08-438-863-3 Sequence 3,	3 US-08-438-862-3 Sequence 3,	3 US-08-628-747-3 Sequence 3,	3 US-08-402-253-3 Sequence 3,	3 US-08-43-808B-3 4 US-09-589-892B-11 Sequence 11	3 US-07-956-483-17 Sequence 17,	6 5208144-8 Patent No. 52
.4 175 2 US-08-464-637-2 Sequence 2, .4 175 2 US-08-401-530A-4 Sequence 4, .4 175 2 US-08-822-261-3 Sequence 4, .4 175 4 US-09-226-852-3 Sequence 3, .4 183 4 US-09-949-016-10537 Sequence 10	.4 284 4 US-09-312-283C-389 Sequence 38 .4 612 3 US-08-482-677-2 Sequence 2, .4 612 4 US-10-033-174-2 Sequence 2,	4 697 3 US-09-724-864-54 Sequence 2-	7 953 4 US-09-751-389-7 Sequence 7.	.4 96/ 2 US-U8-449-645A-30 sequence 30 .4 967 2 US-08-702-367A-30 sequence 30	.4 975 4 US-09-751-389-8 Sequence 8,	.4 991 2 US-08-702-367A-13 Sequence 13	.4 991 5 PCT-US95-04681-13 Sequence 13	.4 1128 4 US-09-436-063C-11 Sequence 11	.4 1133 4 US-09-902-540-12243 Sequence 12	.4 1251 5 PCT-US95-02251-3 Sequence 3,	.4 1252 2 US-08-316-650-3 Sequence 3,	.4 1253 3 US-08-479-722B-4 Sequence 4,	.4 1253 4 US-09-592-685-4 Sequence 4,	.4 1413 4 US-09-578-063-14 Sequence 14	.4 1453 4 US-09-578-063-11 Sequence 11	.4 1724 4 US-09-560-385A-2 Sequence 2,	.4 80 3 US-09-051-624A-1 Sequence 1, 4 553 3 US-09-249-697A-19 Sequence 19	.4 553 3 US-09-363-316B-24 Sequence 24	74 553 4 US-10-136-227A-24 Sequence 24	.4 554 4 US-10-136-227A-32 Sequence 32	.4 554 4 US-09-981-649A-32 Sequence 32	.4 594 4 US-09-949-016-81/5 sequence 81 .4 950 4 US-10-009-332-1 Sequence 1,	.4 956 4 US-09-949-016-11332 Sequence 11	.4 1266.3 US-08-506-2966-4 .3 41 2 US-08-838-957A-19 Sequence 19	.3 133 4 US-09-252-991A-28869 Sequence 28	.3 160 1 US-08-441-629-7 Sequence 7, .3 160 3 US-08-776-207-7 Sequence 7,	.3 160 3 US-09-507-773-7 Sequence 7,	.3 160 5 PCI-US95-091/2-/ Sequence 7, 3 187 4 HS-09-127-946-12 Sequence 12	.3 216 4 US-09-252-991A-24568 Sequence 24	.3 287 4 US-09-252-991A-23091 Sequence 23 288 2 HS-08-525-940-15	.3 288 2 US-08-976-838-15 Sequence 15	.3 366 4 US-09-270-767-36214 Sequence 36	.3 575 4 US-09-252-99IA-20649 Sequence 20	.3 635 1 US-07-907-190-1 Sequence 1,	.3 635 1 US-08-436-804-2 Sequence 2,	.3 635 1 US-08-267-387-2 Sequence 2,	.3 652 6 5258288-4 Patent No. 5	.3 676 1 US-08-282-141-4 Sequence 4,	.3 676 1 US-08-435-434-3 Sequence 3,	.3 676 1 US-08-435-436-3 Sequence 3,	.3 676 2 US-08-438-863-3 Sequence 3,	.3 676 3 US-08-438-862-3 Sequence 3,	.3 676 3 US-08-628-747-3 Sequence 3,	.3 676 3 US-08-402-253-3 Sequence 3,	.3 760 4 US-09-589-892B-11 Sequence 11	.3 858 3 US-07-956-483-17 Sequence 17,	.3 884 6 5208144-8 Patent No. 52
Sequence 2, Sequence 4, Sequence 4, Sequence 3, Sequence 3,	5.5 3.4 284 4 US-09-312-283C-389 Sequence 38 5.5 3.4 612 3 US-08-482-677-2 Sequence 2, 5.5 3.4 612 4 US-10-033-174-2 Sequence 2,	5.5 3.4 697 3 US-09-724-864-54 Sequence 25.5 3.4 706 4 US-09-252-991A-25730 Sequence 26	5.5 3.4 953 4 US-09-751-389-7 Sequence 7,	5.5 3.4 967 2 US-U8-449-645A-3U Sequence 30 5.5 3.4 967 2 US-08-702-367A-30 Sequence 30	5.5 3.4 975 4 US-09-751-389-8 Seguence 8,	5.5 3.4 991 2 US-08-702-367A-13 Sequence 13	5.5 3.4 991 5 PCT-US95-04681-13 Sequence 13	5.5 3.4 1128 4 US-09-436-063C-11 Sequence 11	5.5 3.4 1133 4 US-09-902-540-12243 Sequence 12	5.5 3.4 1251 5 PCT-US95-02251-3 Sequence 3,	5.5 3.4 1252 2 US-08-316-650-3 Sequence 3,	5.5 3.4 1253 3 US-08-479-722B-4 Sequence 4,	5.5 3.4 1253 4 US-09-592-685-4 Sequence 4,	5.5 3.4 1413 4 US-09-578-063-13 Sequence 13	5.5 3.4 1453 4 US-09-578-063-11 Sequence 11	5.5 3.4 1724 4 US-09-560-385A-2 Sequence 2,	3 3.4 80 3 US-U9-051-624A-1 Sequence L,	3.4 553 3 US-09-363-316B-24 Sequence 24	3.4 553 4 US-10-136-227A-24 Sequence 24	3.4 554 4 US-10-136-227A-32 Sequence 32	3.4 554 4 US-09-981-649A-32 Sequence 32	3.4 550 4 US-10-009-332-1 Sequence B1	3.4 956 4 US-09-949-016-11332 Sequence li	85 3.4 1266.3 US-U8-506-296B-4 Sequence 4, 4.5 3.3 41 2 US-08-838-957A-19 Sequence 19	4.5 3.3 133 4 US-09-252-991A-28869 Sequence 28	4.5 3.3 160 1 US-08-441-629-7 Sequence 7, 4.5 3.3 160 3 US-08-776-207-7 Sequence 7,	4.5 3.3 160 3 US-09-507-773-7 Sequence 7,	4.5 3.3 160 5 PCT-US95-091/2-/ Sequence 7, 4 5 3.3 187 4 HS-09-127-946-12 Sequence 12	4.5 3.3 216 4 US-09-252-991A-24568 Sequence 24	4.5 3.3 287 4 US-09-252-99LA-2309L Sequence 23	4.5 3.3 288 2 US-08-976-838-15 Sequence 15	4.5 3.3 366 4 US-09-270-767-36214 Sequence 36	4.5 3.3 575 4 US-09-252-991A-20649 Sequence 20	4.5 3.3 635 1 US-07-907-190-1 Sequence 1,	4.5 3.3 635 1 US-08-436-804-2 Sequence 2,	4.5 3.3 635 1 US-08-267-387-2 Sequence 2,	3.3 652 6 5258288-4 Patent No. 5	4.5 3.3 676 1 US-08-282-141-4 Sequence 4,	4.5 3.3 676 1 US-08-435-434-3 Sequence 3,	4.5 3.3 676 1 US-08-435-436-3 Sequence 3,	4.5 3.3 676 2 US-08-438-863-3 Sequence 3,	4.5 3.3 676 3 US-08-438-862-3 Sequence 3,	4.5 3.3 676 3 US-08-628-747-3 Sequence 3,	4.5 3.3 676 3 US-08-402-253-3 Sequence 3,	4.5 3.3 7/6 4 US-09-589-892B-11 Sequence 11	4.5 3.3 858 3 US-07-956-483-17 Sequence 17,	4.5 3.3 884 6 5208144-8 Patent No. 52

Sequence 16642, A sequence 30, Appl Sequence 30, Appl Sequence 1, Appli Sequence 1, Appli Sequence 10300, A Sequence 11030, A Sequence 11539, A Sequence 1117, A		PTIDES AND NUCLEIC Wrapper	Length 455; Indels 0; Gaps 0; GALNRKESFLLLSLHNRLRS 60 [
4 US-09-252-991A-16642 3 US-08-600-982-30 5 PCT-US61A-30 5 US-08-822-261-1 4 US-09-226-852-1 4 US-09-226-852-1 4 US-09-226-951-056A-6 4 US-09-949-016-11538 4 US-09-949-016-11538 4 US-09-949-016-11538 4 US-09-949-016-11538 4 US-09-949-016-11538 4 US-09-949-016-11538 4 US-09-949-016-11538	99866028   .pher	TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC INVENTION: ACIDS ENCODING THE SAME FILE REPRENCE: P2448PLC1 CURRENT APPLICATION NUMBER: US/09/866,028 CURRENT PILING DATE: 2001-05-25 CURRENT PILING DATE: 2001-05-25 NUMBER OF SEQ ID NOS: 120 NUMBER OF SEQ ID NOS: 120 TENCITAL 455 TYPE: PRT ORGANISM: Homo Sapien 09-866-028-50	SCOTE 2529; DB 4; Pred. No. 1.3e-218; Mismatches O; GTTWAEVWPPOLOEQAPMA GTTWAEVWPPOLOEQAPMA AGRAALCGIPPSLASGEN ARNATCTHYTOLVWATSSQ ARNATCTHYTOLVWATSSQ ARNATCTHYTQLVWATSSQ ARCSLCTASVSGCFKAWDH AWCSLCTASVSGCFKAWDH AWCSLCTASVSGCFKAWDH AWCSLCTASVSGCFKAWDH AWCSLCTASVSGCFKAWDH AWCSLCTASVSGCFKAWDH AWCSLCTASVSGCFKAWDH
23.22.23.33.22.23.33.32.22.33.32.22.33.32.22.33.32.22.33.32.32	18-50 50, Application US/09866028 50, 6642360 NPORMATION: T: Baker, Kevin T: Bater, Kevin T: Bater, David T: Baton, Dan T: Ferrara, Napoleone T: Filvaroff, Filen T: Goddard, Audrey T: Goddard, Audrey T: Godweki, Paul T: Grimaldi, Christopher T: Hillan, Kenneth T: Hillan, Kenneth T: Roy Mastgaret T: Roy Margaret T: Napier, Mary T: Roy Margaret T: Napier, Mary	TITLE OF INVENTION: SECRETED AN TITLE OF INVENTION: ACIDS ENCYPILE REFERENCE: P2548P1C1 CURRENT APPLICATION NUMBER: US, CURRENT FILING DATE: 2001-05-79 FILOR APPLICATION GATA removed NUMBER OF SEQ ID NOS: 120 EQ ID NO 50 ELENCH: 455 TYPE: PRT ORGANISM: Homo Sapien 09-866-028-50	100.0%; Conservative 0.0%; The conservative 0
1488 1489 11490 11490 11490 11491 11493 11493 1155 11494 1155 11496 1155 11499 1155 11499 1155 1150		TITLE OF INVENTY TITLE OF INVENTY FILE REFERENCE: CURRENT APPLICAY CURRENT FILING I PRIOR APPLICATION OF SEQ II SEQ ID NO 50 LENGTH: 455 TYPE: PRY ORGANISM: HOMO -09-866-028-50	Query Match Best Local Similarity Matches 455; Conser    MLHPETSPG   MLHPETSPG   MVQPPAADM
	RESULT RESULT RESULT REPER RENE RENE RENE RENE RENE RENE REN	HEREN SE	\$ 8 \$ 8 \$ 8 \$ 8 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
nce 32, Appl nce 84, Appl nce 84, Appl nce 84, Appl nce 84, Appl nce 15031, A nce 15031, A nce 22531, A nce 2, Appli nce 2, Appli nce 2, Appli nce 30, Appli		N N N S C C C C C C C C C C C C C C C C	nnce 123, App nnce 123, Applinnce 2, Applince 28974, A nnce 28974, A nnce 28974, A nnce 2, Applince 46608, Applince 46608, Applince 57, Applince 56, Applince 56, Applince 57, Applince 57, Applince 57, Applince 47, Applince 67, Applince
	acunentes sedimentes s	ишшш	Sequence
US-08-152-019A-32 US-08-173-510B-84 US-08-456-497-84 US-08-66-433C-34 US-08-66-433C-34 US-09-902-540-15031 US-09-902-540-15031 US-09-252-991A-22531 US-08-403-634-2 US-08-403-644-30 US-08-403-644-30 US-08-403-441B-2 US-08-913-441B-2 US-08-913-441B-2 US-08-913-441B-30 US-08-913-441B-30 US-08-913-441B-30 US-08-913-441B-30 US-08-913-441B-30	US-09-949-016-11708 US-09-949-016-11708 US-08-24-110-2 US-08-765-243-2 US-08-243-542-3 US-08-44-407-3 US-08-44-407-3 US-08-44-355-3 US-08-44-355-3 US-08-44-355-3 US-08-44-355-4 US-08-49-016-9605 US-09-949-016-9605	US-09-857-815B-7 US-09-857-815B-6 US-09-857-815B-5 US-09-857-815B-5 US-09-857-815B-8 US-09-857-815B-8 US-10-138-15B-17 US-10-138-15B-17 US-09-857-815B-35 5514582-20 5256643-2	US-08-450-48EB-123 US-08-450-48EB-123 US-08-915-279-2 US-09-125-291A-28974 US-08-125-291A-28974 US-08-125-291A-28974 US-08-125-291A-28974 US-08-125-291A-28974 US-08-125-20-19 US-08-10-19 US-08-10-19 US-08-461-004A-57 PCT-US91-05059-2 5378464-2 5378464-2 5378464-2 US-08-981-953A-4 US-08-981-953A-6 US-08-901-263A-6 US-08-901-263A-6 US-08-901-263A-6 US-08-901-263A-6 US-08-901-263A-6 US-08-901-263A-6
00000000000000000000000000000000000000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44444444	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
	मंब्र क्षंत्र क स्तर व्या	addaddddddddddd	
a a a a a a a a a a a a a a a a a a a	<u>๚ฃ๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛</u> ๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛		
4444444116 4444444117 4444444118 44444421 444421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 44421 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 4442 444	0.000000000000000000000000000000000000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

```
241 RLNISTCHCHCPPGYTGRYCQVRCSLQCVHGRFREBECSCVCDIGYGGAQCATKVHFPFH 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61 WVQPPAADMRRLDWSDSLAQLAQARAALCGIPTPSLASGLWRTLQVGWNMQLLPAGLASF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 121 VEVVSLWFAEGORYSHAAGECARNATCTHYTQLVWATSSQLGCGRHLCSAGQTAIEAFVC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   181 AYSPGGNWEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNPCRMSCQNHG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 181 AYSPGGNWEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNPCRMSCQNHG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 MLHPETSPGRGHLLAVLLALLGTTWAEVWPPQLQEQAPMAGALNRKESFLLLSLHNRLRS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           61 WVQPPAADMRRLDWSDSLAQLAQARAALCGIPTPSLASGLWRTLQVGWNMQLLPAGLASF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 455;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
100.0%; Score 2529; DB 4;
Best Local Similarity 100.0%; Pred. No. 1.3e-218;
Matches 455; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCI/USSO/LOLD
PRIOR FILING DATE: December 1, 1998
PRIOR APPLICATION NUMBER: 09/216, 021
PRIOR PILING DATE: December 12, 1998
PRIOR PILING DATE: December 22, 1998
PRIOR FILING DATE: December 22, 1998
PRIOR FILING DATE: March 3, 1999
PRIOR PILING DATE: March 3, 1999
PRIOR PILING DATE: March 3, 1999
PRIOR PILING DATE: March 15, 1999
PRIOR PILING DATE: September 15, 1999
PRIOR PILING DATE: No. 6734288ember 30, 1999
PRIOR PILING DATE: December 1, 1999
PRIOR PILING DATE: December 1, 1999
PRIOR PILING DATE: December 1, 1999
PRIOR PILING DATE: PEDLUARY 22, 2000
PRIOR PILING DATE: PEDLUARY 22, 2000
PRIOR PILING DATE: PEDLUARY 21, 2000
PRIOR PILING DATE: PEDLUARY 22, 2000
PRIOR PILING DATE: March 30, 2000
PRIOR PILING DATE: March 30, 2000
PRIOR PILING DATE: March 30, 2000
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR PILING DATE: March 30, 2000
PRIOR APPLICATION NUMBER: PCT/US00/2678
PRIOR PILING DATE: March 30, 2000
PRIOR PILING DATE: March 30, 2000
PRIOR PILING DATE: March 30, 2000
PRIOR PILING DATE: MAY 22, 2000
PRIOR APPLICATION NUMBER: PCT/US00/2678
PRIOR PILING DATE: MAY 22, 2000
PRIOR PILING DATE: PEDRUARY 28, 2001
PRIOR PILING D
                                                                                         DR APPLICATION NUMBER: 60/113,296

R FILING DATE: December 22, 1998

R PILING DATE: UNIY 28, 1999

R FILING DATE: UNIY 28, 1999

R RAPLICATION NUMBER: PCT/US98/19330

R RAPLICATION NUMBER: PCT/US98/19330

R APPLICATION NUMBER: PCT/US98/25108
                                  APPLICATION NUMBER: 60/112,850
FILING DATE: December 16, 1998
            February 25, 1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Homo Sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-944-457-50
                                                                    PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ଚ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Wood, William
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
TITLE OF INVENTION: ACIDS ENCODING THE SAME
TITLE OF INVENTION: ACIDS ENCODING THE SAME
CURRENT APPLICATION NUMBER: 09/866,028
PRIOR PELING DATE: 2001-05-25
PRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: December 11, 1997
PRIOR PELING DATE: December 16, 1997
PRIOR PELING DATE: December 17, 1997
PRIOR PELING DATE: December 18, 1997
PRIOR PELING DATE: December 18, 1997
PRIOR PELING DATE: PEPENDARY 5, 1998
PRIOR PELING DATE: PEPENDARY 5, 1998
PRIOR PELING DATE: PEPENDARY 5, 1998
PRIOR PELING DATE: PEDENDARY 5, 1998
PRIOR PELING DATE: PEDENDARY 5, 1998
PRIOR APPLICATION NUMBER: 60/070, 400
PRIOR PELING DATE: PEDENDARY 5, 1998
PRIOR APPLICATION NUMBER: 60/070, 400
PRIOR PELING DATE: PEDENDARY 5, 1998
PRIOR APPLICATION NUMBER: 60/070, 400
PRIOR PELING DATE: PEDENDARY 5, 1998
PRIOR PELING DATE: PEDENDARY 5, 1998
PRIOR PELING DATE: PEDENDARY 5, 1998
PRIOR APPLICATION NUMBER: 60/070, 400
PRIOR PELING DATE: PEDENDARY 5, 1998
301 TCDLRIDGDCFWVSSEADTYYRARMKCQRKGGVLAQIKSQKVQDILAFYLGRLETTNEVT 360
                                                                                                                                                                                                                                                       DSDFETRNFWIGLTYKTAKDSFRWATGEHQAFTSFAFGQPDNHGLVWLSAAMGFGNCVEL 420
                                                                                         TCDLRIDGDCFMVSSEADTYYRARMKCQRKGGVLAQIKSQKVQDILAFYLGRLETTNEVT 360
                                                                                                                                                                                                               DSDFETRNFWIGLTYKTAKDSFRWATGEHQAFTSFAFGQPDNHGLVWLSAAMGFGNCVEL 420
                                                                                                                                                                                                                                                                                                                                                                421 QASAAFNWNDQRCKTRNRYICQFAQEHISRWGPGS 455
                                                                                                                                                                                                                                                                                                                           OASAAFNWNDQRCKTRNRYICQFAQEHISRWGPGS 455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 50, Application US/09944457
Patent No. 6734288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Godowski, Paul
Grimaldi, Christopher
Gurney, Austin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ferrara, Napoleone
Filvaroff, Ellen
Gerritsen, Mary
Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Baker, Kevin
APPLICANT: Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Hillan, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Kljavin, Ivar
Napier, Mary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Roy, Margaret
Tumas, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eaton, Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 2
US-09-944-457-50
                                                                                                                                                                                                                                                                   361
                                                                                                                                                                                                               361
                                  241
                                                                                         301
                                                                                                                                                                                                                                                                                                                              421
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT
                                                                                                                                                                                                                                                                g
                                                                                         8
                                                                                                                                              g
                                                                                                                                                                                                                                                                                                                              ò
                                                                                                                                                                                                                                                                                                                                                                                   g
                                                                                                                                                                                                               ઠે
```

120 180

9 9

Gaps

0

Perfect score: Sequence: Scoring table:

ü

Run

Minimum DB & Maximum DB &

Database

```
Sequence 4, Applisequence 9, Applisequence 9, Applisequence 1, Applisequence 2, Applisequence 2, Applisequence 28, Applisequence 285, Applisequence 28, Applisequence 28, Applisequence 27, Applisequence 26, Applisequence 27, Applisequence 26, Applisequence 27, Applisequence 26, Applisequence 26, Applisequence 26, Applisequence 27, Applisequence 27, Applisequence 27, Applisequence 26, Applisequence 27, Applisequen
                                                                                                                          Appli
                                                                                                                          Sequence Sequence
                                                                                          Sequence
               US-09-808-602-27
US-09-800-198-25
US-09-808-602-109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-789-390-23
US-09-789-390-77
US-10-698-190-24
 US-09-790-264-2
2447.5
2447.5
2447.5
2447.5
2315.5
2315.5
2315.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2260.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
2250.5
22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            240
240
237.5
237.5
237.5
236
                                                                                                                                                                                                                                                                                                                                                                                                 710
1153
1155
1156
1158
1158
1159
1160
1161
1163
                                                                                                                      August 17, 2005, 20:42:40; Search time 66 Seconds (without alignments) 2699.571 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 50,
Sequence 50,
Sequence 47, A
                                                                                                                                                                                                                    455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 50,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Description
                                                                                                                                                                                                 2529
1 MIAPETSPGRGHLIAVLIAL.....RNRYICQFAQEHISRWGPGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Published Applications AA:*

1: /cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB-pep:*
3: /cgn2_6/ptodata/2/pubpaa/ISO6_NEW_PUB-pep:*
4: /cgn2_6/ptodata/2/pubpaa/USO6_NEW_PUB-pep:*
5: /cgn2_6/ptodata/2/pubpaa/USO6_PUBCOMB.pep:*
6: /cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB-pep:*
7: /cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB-pep:*
8: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
9: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
10: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
11: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
12: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
13: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
14: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
15: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
15: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
16: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
17: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
18: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
19: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
10: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
11: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
12: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
13: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
14: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
15: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
16: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
17: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
18: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
                    GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-429-667-50
US-10-677-649-50
US-10-677-669-50
US-10-73-014-50
US-10-73-014-50
US-10-858-993-50
US-10-901-400-50
US-10-909-671-50
US-10-999-671-50
US-10-943-353-50
US-10-943-353-50
US-10-943-353-50
                                                                                                                                                                                                                                                                                                                                           Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-944-457-50
                                                                                                                                                                                                                                                                                                           1759131 seqs, 391586102 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                 Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1500 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SUMMARIES
                                                                                          OM protein - protein search, using sw model
                                                                                                                                                                                                                                                    BLOSUM62
Gapop 10.0 , Gapext
                                                                                                                                                                                                                                                                                                                                                                                seq length: 0
seq length: 200000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query
```

3334098748

Result

Search completed: August 17, 2005, 20:49:35 Job time: 84 secs

Sequence 97, Appl Sequence 98, Appl Sequence 10, Appl Sequence 6, Appli Sequence 6, Appli Sequence 15, Appl Sequence 15, Appl Sequence 115, Appl Sequence 115, Appl Sequence 115, Appl Sequence 116, Appl Sequence 117, Appl Sequence 117, Appl Sequence 45, Appl

ĕ

```
182.5
182.5
182.5
180.5
180.5
180.5
180.5
180.5
180.5
                                                                                                                                                                                                                             169
168.5
168.5
168
                                                                                                                                                                                                                                                                                                          164.5
161.5
161.5
161.5
161.5
161.5
161.5
                                                                                                                                                                                                                                                                                                                                                                                      158.5
158.5
158.5
158.5
158.5
158.5
                                                                                                                                            Patent No. 5180808
Patent No. 5180808
Patent No. 5180808
Sequence 5, Appli
Sequence 28, Appli
                                                                                                                                                                                                                                                                                                                                            Sequence 285, App
Sequence 1, Appli
Sequence 1, Appli
Sequence 3, Appli
Sequence 3, Appli
Sequence 3, Appli
Sequence 3, Appli
Sequence 4, Appli
Sequence 7, Appli
                                                September 17, 2005, 06:47:25; Search time 44 Seconds (without alignments) 771.939 Million cell updates/sec
                                                                                                                                                                                                                                                               Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                           1 MLHPETSPGRGHLLAVLLAL......RNRYICQFAQEHISRWGPGS 455
                                                                                                                                                                                                                                                                                                                                        Sequence
Sequence
Sequence
                                                                                                                                                                                                               /cgn2_6/ptodata/1/iaa/sh_COMB.pep:*
/cgn2_6/ptodata/1/iaa/sb_COMB.pep:*
/cgn2_6/ptodata/1/iaa/sh_COMB.pep:*
/cgn2_6/ptodata/1/iaa/sb_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
        GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                            US-09-907-794A-285
US-09-905-125A-285
US-09-905-75A-285
US-09-903-603A-285
US-09-904-920A-285
US-09-909-064-285
US-09-905-381A-285
US-09-906-618-285
US-09-906-618-285
US-09-906-713-368-1
US-09-773-368-1
US-08-773-368-3
US-08-773-368-4
US-08-773-368-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-949-016-7490
US-09-541-759-7
US-09-949-016-6025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 -09-949-016-7489
-08-340-428B-49
                                                                                                                                          Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-840-062-5
US-08-614-935-28
                                                                                                                             513545 seqs, 74649064 residues
                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1500 summaries
                                                                                                                                                                                                                                                                                             SUMMARIES
                                    sw model
                                                                                                         BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                           Patents AA:*
                                   protein search, using
                                                                                                                                                          Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                            US-09-944-896-50
2529
                                                                                                                                                                                                                                                                                                                  8
                                                                                                                                                                                                                                                                                                          Query
Match Length
                                                                                                                                                                                                                                                                                                                                                                          100.08
100.08
100.08
100.08
100.09
100.09
                                                                             Title:
Perfect score:
                                                                                                         Scoring table:
                                                                                                                                                                                                                                                                                                                  Score
                                                                                                                                                                                                                                                                                                                                protein
                                                                                                                                                                                                            Database :
                                                                                            Sequence:
                                                                                                                               Searched:
                                                  Run on:
                                                                                                                                                                                                                                                                                                            Result
```

Sequence 5, Appli Sequence 106, App Sequence 108, App Sequence 4, Appli Sequence 4, Appli Sequence 18, Appli

Sequence 3, Al Sequence 3, Al Sequence 2, Al Sequence 12,

Sequence 12, 1 Sequence 29, 1 Sequence 29, 1

Sequence Sequence S

Sequence

Sequence 5 Sequence 5 Sequence 5

Sequence Sequence Sequence Sequence

Sequence 102, App Sequence 5, Appli Sequence 5, Appli

Sequence Sequence Sequence

Appli Appli Appli Appli Appli Appli Appli Appli Appli

Sequence Sequence Sequence Sequence

Sequence 45, Sequence 45, Sequence 45,

Sequence Sequence Sequence

Sequence 6, Appli Sequence 19, Appli Sequence 4, Appli Sequence 9, Appli Sequence 9, Appli Sequence 107, App

Applit	Appli Appli Appli Appli Appli Appli			7 2 8 8 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Appli Appli Appli Appli Appli Appli	62, A 79, A Appli Appli Appli 14582	Appli Appli Appli Appli Appli Appli O, App
2, Appl 25, Appl 7, Appl 9568, Appl 5, Appl 11, Appl 11, Appl 8, Appl	62, Ap 62, Ap 62, Ap 6, Ap 6, Ap 10, A	2, Appl 2, Appl 3, Appl 3, Appl 5, Appl 6, Appl		(0) (0)	6, Appli 6, Appli 6, Appli 6, Appli 2, Appli 2, Appli		,	. m as	
(4 (4 (- 0) 11) 11 14 14 16 4								No co	
eduence seduence seduence seduence seduence seduence seduence seduence seduence	eduence eduence eduence eduence eduence eduence	ednence ednence ednence ednence ednence	ednence ednence ednence ednence ednence	Sequence Sequence Patent No. Patent No. Sequence Sequence	ednence ednence ednence ednence ednence	equence equence equence equence	ednence ednence ednence ednence ednence	equence equence equence equence equence tent No	Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Seq Sequence Sequence Sequence Sequence Sequence Sequence Sequence
<b>ល័យ្យល័យ្យល័យ្យល័</b>	ស្រីលីលីលីលីលីលី	ល័ល័ល័ល័ល័ល័ល័ល័ **********************	វល័ល័ល័ល័ល័ល័	Pat Page	រី លី លី លី លី លី លី <b>លី</b>	ល័ ល័ ល័ ល័ ល័ ល័	សំស័ស័ស័ស័ស័ សំ	Park	របស់សម្រើសស្តីស
5 568 1111	2 961 0						<b>4.</b>	r 0	8 98
66-95-25-25-25-25-25-25-25-25-25-25-25-25-25	7-4 7-4 7-4 00-6 10 8-10	2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3	11-14 11-14 11-20	2 - 4 2 - 4 0 - 4 0 - 6	6 - 6 6 - 6 7 - 6 7 - 6 7 - 6	2 2 2 4 4 4 4 6 2 2 4 4 6 6 6 6 6 6 6 6	16-59 093-2 47-7 453-7 53-7 59-1	2 - 6 2 - 6 2 - 6	6 - 1 - 2 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6
-872-85 -641-612 -641-612 -949-016 -9882-046 -856-04	20-01-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	72-45-45-45-45-45-45-45-45-45-45-45-45-45-	5255555	114 06 06 06 06 06 06 06 06 06 06 06 06 06	21-64-12 21-38-12 21-64-12 21-64-12	10-15 00-65 13-76 13-76 13-47	9-949-01 US93-060 9-191-64 9-540-24 9-540-15 US91-090	9-270-76 9-270-76 9-270-76 9-065-04 9-981-39 9-908-32 582-18	13 - 78 - 03 - 03 - 03 - 03 - 03 - 03 - 03 - 0
80000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1582- 1582- 1582- 1582- 1582-	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00-10-00-00-00-00-00-00-00-00-00-00-00-0	US-09-949-01 PCT-US93-060 US-09-191-64 US-09-540-24 US-09-540-15 PCT-US91-056	9-270 9-270 9-270 9-065 9-981 9-981 1582-1	00000000000 1111111
- SU - SU - SU - SU - SU - SU - SU - SU	- SU - SU - SU - SU - SU - SU - SU - SU		- sn - sn - sn - sn - sn - sn	5514 5514 5514 5514 08-0	- sn - sn - sn - sn	sn s	US-05 US-05 US-05 US-05 US-05	US-08-08-08-08-08-08-08-08-08-08-08-08-08-	0-80 0-80 0-80 0-80 0-80 0-80
<b> </b>	1148 4 US-09-56-047-4 202 4 US-10-000-489-62 272 4 US-09-949-016-996 287 3 US-09-111-470-6 287 4 US-09-862-802A-6 454 1 US-07-930-686-10 454 2 US-08-460-998-10	<b></b>	ਾ <b>ਧ</b> ਧਾ ਧਾ ਧਾ ਹਾ ਹ	466644	4000000	м <del>а а а а а</del>	4 N W W W W A		4 4 4 4 4 4 4 4
685 685 1157 1219 1219 1319 1065	111 112 122 140 140 140 140 140 140 140 140 140 140	1055 1055 1212 1212 1238 1238	123 133 141 133 120 120 120 120 120 120 120 120 120 120	292 1479 1114 1114 833	833 833 833 1525 1525	1525 704 704 977 977	11124 11224 1480 1480 1480 1280	321 321 321 832 115 115	148 174 174 174 174 176 176
		លលលលលល ជ្ជធ្មាធ់ក្រុក	មេលេលលេល មេត្តកំនុង	លលលលល • • • • • • • • •	លលលលលល ឯងឯងឯងប្រ	លលលលល កំណត់កំណត់	, , , , , , , , , , , , , , , , , , ,	, സ സ സ സ സ സ , പ പ പ പ പ പ പ	លលលលលល ជាជាជាជាជាជាជាជា
444444	8.7.7.7.7.7.8 2.7.7.7.7.7.8 2.7.7.7.7.8	က်က်လုံလုံကိုကို		<b>ទី</b> គី ល់ ល់ ល់ ល់ ល		ည်းလုံလုံလုံလုံ	<b>ល់លំលំលំលំលំ</b> ព	រកសេសសេសដីដី	<b>ល់ សំ សំ សំ សំ សំ សំ</b> សំ
44444444444444444444444444444444444444	10 H 10 H 10 H 10 K		`~~~~~	, , , , , , , , , , , , ,	1355. 1355. 1355.	<b>⊣ ~ ~ ~ ~ ~</b> ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	134 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1000000	132222222222222222222222222222222222222
175 176 177 178 179 180 181 182	9998999	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20000000 20128400	100801	1112433	22222	35555 3555 3555 3555 3555	2332 2334 2334 2336 234 2336	2222222 222222 222222 22222 252322
						<u> </u>			
ara Bara Bara B			B B B B B B H H		त न न न न न न न न	c	<b>ል</b> ጀር ፡	17000077	and and the Or
Appli Appli Appli Appli Appli Appl Appl	Appliance Applia	Appl Appli Appli App App App	App App App App App App1	Appli Appli Appli Appli Appli Appli	Appli Appli Appli Appli Appli Appli	266266	2, Ap 97, A Appl Appli Appli	Appli Appli Appl Appl Appl Appli Appli	Appli Appli Appli Appli Appl Appl
103, 103, 103, 103, 103, 103, 103, 103,	19201034	6118888	137, APP 137, APP 137, APP 137, APP 10, APP 10, APP 10, APP	,,,,,,	, , , , , , , ,	111, Apr 7, Apr 2, Apr 85, Apr 6, Apr 11, Apr	5902, 10297, 17, Ap. 2, Ap. 2, Ap.	6, 120, A	4 4 4 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
20, 17, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18	19201034	6118888	7222222	,,,,,,	, i i i i i i i i	111, Apr 7, Apr 2, Apr 85, Apr 6, Apr 11, Apr	5902, 10297, 17, Ap. 2, Ap. 2, Ap.	6, 120, A	4 4 4 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
103, 103, 160,	19201034	6118888	7222222	,,,,,,	, i i i i i i i i	111, Apr 7, Apr 2, Apr 85, Apr 6, Apr 11, Apr	5902, 10297, 17, Ap. 2, Ap. 2, Ap.	6, 120, A	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
30, 17, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18	19201034	6118888	7222222	,,,,,,	, i i i i i i i i	111, Apr 7, Apr 2, Apr 85, Apr 6, Apr 11, Apr	5902, 10297, 17, Ap. 2, Ap. 2, Ap.	6, 120, A	4 4 4 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sequence 5, Sequence 5, Sequence 10, Sequence 7, Sequence 112, Sequence 30, Sequence 30, Sequence 30,	Sequence 3.9 Sequence 10 Sequence 10 Sequence 10 Sequence 10 Sequence 12 Sequence 12 Sequence 12	Sequence 19 Sequence 1, Sequence 1, Sequence 13 Sequence 13 Sequence 13	Sequence 13 Sequence 13 Sequence 13 Sequence 13 Sequence 10 Sequence 10	Sequence 5, Sequence 2, Sequence 7, Sequence 7, Sequence 6, Sequence 6, Sequence 18	Sequence 7, Sequence 1, Sequence 6, Sequence 6, Sequence 6, Sequence 2, Sequence 7, Sequence 7,	Sequence 11, Ag Sequence 7, Apg Sequence 2, Apg Sequence 6, Apg Sequence 6, Apg Sequence 1, Apg	Sequence 5902, Sequence 10297, Sequence 17, App Sequence 2, App Sequence 2, App	Sequence 4, 5 Sequence 20, Sequence 20, Sequence 12, Sequence 12, Sequence 6, A	Sequence 5, p Sequence 3, p Sequence 3, p Sequence 56, Sequence 56, Sequence 56,
Sequence 5, Sequence 5, Sequence 10, Sequence 7, Sequence 11, Sequence 30, Sequence 30, Sequence 30,	Sequence 3.9 Sequence 10 Sequence 10 Sequence 10 Sequence 10 Sequence 12 Sequence 12 Sequence 12	Sequence 19 Sequence 1, Sequence 1, Sequence 13 Sequence 13 Sequence 13	Sequence 13 Sequence 13 Sequence 13 Sequence 13 Sequence 10 Sequence 10	Sequence 5, Sequence 2, Sequence 7, Sequence 7, Sequence 6, Sequence 6, Sequence 18	Sequence 7, Sequence 1, Sequence 6, Sequence 6, Sequence 6, Sequence 2, Sequence 7, Sequence 7,	Sequence 11, Ag Sequence 7, Apg Sequence 2, Apg Sequence 6, Apg Sequence 6, Apg Sequence 1, Apg	Sequence 5902, Sequence 10297, Sequence 17, App Sequence 2, App Sequence 2, App	Sequence 4, 5 Sequence 20, Sequence 20, Sequence 12, Sequence 12, Sequence 6, A	Sequence 5, 8 Sequence 9, 8 Sequence 3, 8 Sequence 3, 8 Sequence 56, 8 Sequence 56, 8 Sequence 56, 8 Sequence 56, 9 Sequence 5
Sequence 5, Sequence 5, Sequence 10, Sequence 7, Sequence 112, Sequence 30, Sequence 30, Sequence 30,	Sequence 3.9 Sequence 10 Sequence 10 Sequence 10 Sequence 10 Sequence 12 Sequence 12 Sequence 12	Sequence 19 Sequence 1, Sequence 1, Sequence 13 Sequence 13 Sequence 13	Sequence 13 Sequence 13 Sequence 13 Sequence 13 Sequence 10 Sequence 10	Sequence 5, Sequence 2, Sequence 7, Sequence 7, Sequence 6, Sequence 6, Sequence 18	Sequence 7, Sequence 1, Sequence 6, Sequence 6, Sequence 6, Sequence 2, Sequence 7, Sequence 7,	Sequence 11, Ag Sequence 7, Apg Sequence 2, Apg Sequence 6, Apg Sequence 6, Apg Sequence 1, Apg	Sequence 5902, Sequence 10297, Sequence 17, App Sequence 2, App Sequence 2, App	Sequence 4, 5 Sequence 20, Sequence 20, Sequence 12, Sequence 12, Sequence 6, A	Sequence 5, 8 Sequence 9, 8 Sequence 3, 8 Sequence 3, 8 Sequence 56, 8 Sequence 56, 8 Sequence 56, 8 Sequence 56, 9 Sequence 5
Sequence 5, Sequence 5, Sequence 10, Sequence 7, Sequence 112, Sequence 30, Sequence 30, Sequence 30,	Sequence 3.9 Sequence 10 Sequence 10 Sequence 10 Sequence 10 Sequence 12 Sequence 12 Sequence 12	Sequence 19 Sequence 1, Sequence 1, Sequence 13 Sequence 13 Sequence 13	Sequence 13 Sequence 13 Sequence 13 Sequence 13 Sequence 10 Sequence 10	Sequence 5, Sequence 2, Sequence 7, Sequence 7, Sequence 6, Sequence 6, Sequence 18	Sequence 7, Sequence 1, Sequence 6, Sequence 6, Sequence 6, Sequence 2, Sequence 7, Sequence 7,	Sequence 11, Ag Sequence 7, Apg Sequence 2, Apg Sequence 6, Apg Sequence 6, Apg Sequence 1, Apg	Sequence 5902, Sequence 10297, Sequence 17, App Sequence 2, App Sequence 2, App	Sequence 4, 5 Sequence 20, Sequence 20, Sequence 12, Sequence 12, Sequence 6, A	Sequence 5, 8 Sequence 3, 8 Sequence 3, 8 Sequence 56, Sequence 56, Sequence 56,
Sequence 5, Sequence 5, Sequence 10, Sequence 7, Sequence 112, Sequence 30, Sequence 30, Sequence 30,	Sequence 3.9 Sequence 10 Sequence 10 Sequence 10 Sequence 10 Sequence 12 Sequence 12 Sequence 12	Sequence 19 Sequence 1, Sequence 1, Sequence 13 Sequence 13 Sequence 13	Sequence 13 Sequence 13 Sequence 13 Sequence 13 Sequence 10 Sequence 10	Sequence 5, Sequence 2, Sequence 7, Sequence 7, Sequence 6, Sequence 6, Sequence 18	Sequence 7, Sequence 1, Sequence 6, Sequence 6, Sequence 6, Sequence 2, Sequence 7, Sequence 7,	Sequence 11, Ag Sequence 7, Apg Sequence 2, Apg Sequence 6, Apg Sequence 6, Apg Sequence 1, Apg	Sequence 5902, Sequence 10297, Sequence 17, App Sequence 2, App Sequence 2, App	Sequence 4, 5 Sequence 20, Sequence 20, Sequence 12, Sequence 12, Sequence 6, A	Sequence 5, 8 Sequence 9, 8 Sequence 3, 8 Sequence 3, 8 Sequence 56, 8 Sequence 56, 8 Sequence 56, 8 Sequence 56, 9 Sequence 5
Sequence 5, Sequence 5, Sequence 10, Sequence 7, Sequence 11, Sequence 30, Sequence 30, Sequence 30,	Sequence 3.9 Sequence 10 Sequence 10 Sequence 10 Sequence 10 Sequence 12 Sequence 12 Sequence 12	Sequence 19 Sequence 1, Sequence 1, Sequence 13 Sequence 13 Sequence 13	Sequence 13 Sequence 13 Sequence 13 Sequence 13 Sequence 10 Sequence 10	Sequence 5, Sequence 2, Sequence 7, Sequence 7, Sequence 6, Sequence 6, Sequence 18	Sequence 7, Sequence 1, Sequence 6, Sequence 6, Sequence 6, Sequence 2, Sequence 7, Sequence 7,	Sequence 11, Ag Sequence 7, Apg Sequence 2, Apg Sequence 6, Apg Sequence 6, Apg Sequence 1, Apg	Sequence 5902, Sequence 10297, Sequence 17, App Sequence 2, App Sequence 2, App	Sequence 4, 5 Sequence 20, Sequence 20, Sequence 12, Sequence 12, Sequence 6, A	Sequence 5, 8 Sequence 9, 8 Sequence 3, 8 Sequence 3, 8 Sequence 56, 8 Sequence 56, 8 Sequence 56, 8 Sequence 56, 9 Sequence 5
3 US-08-981-392-5 Sequence 5, 4 US-09-908-322-5 Sequence 5, 2 US-07-857-2248-103 Sequence 10, 3 US-08-872-855-7 Sequence 10, 2 US-07-857-2248-112 Sequence 11, 1 US-08-614-935-30 Sequence 30, 3 US-09-130-287-30 Sequence 30, 4 US-09-489-847-166 Sequence 30, 4 US-09-489-847-166 Sequence 16, 16, 16, 16, 16, 16, 16, 16, 16, 16,	4 US-09-638-203-3 2 US-08-611-729-10 Sequence 10 3 US-08-611-729A-10 Sequence 10 4 US-09-195-224-10 Sequence 10 4 US-09-99-016-9270 Sequence 10 1 US-08-083-590A-19 Sequence 19	3 US-08-532-384-19 Sequence 19 4 US-08-899-232-1 Sequence 1, 4 US-09-121-457-1 Sequence 1, 4 US-09-905-125A-137 Sequence 13 4 US-09-905-125A-137 Sequence 13 4 US-09-905-775A-137 Sequence 13	4 US-09-903-003-013/ 4 US-09-904-920A-137 Sequence 13 4 US-09-905-064-137 Sequence 13 4 US-09-906-618-137 Sequence 13 5 US-08-906-618-137 Sequence 13 3 US-08-722-126A-10 Sequence 10 5 PCT-US95-04258-10 Sequence 10	4 US-09-541-759-5 Sequence 5, 3 US-08-840-062-2 Sequence 2, 3 US-08-882-046-7 Sequence 7, 4 US-09-566-047-7 Sequence 7, 3 US-09-068-740A-6 Sequence 6, 4 US-09-579-536C-18 Sequence 18	3 US-09-068-740A-7 Sequence 7, 4 US-09-199-865-1 Sequence 1, 4 US-10-213-329-1 Sequence 1, 2 US-08-400-159-6 Sequence 6, 3 US-08-611-729A-6 Sequence 6, 3 US-08-882-046-2 Sequence 2, 3 US-09-214-278-7 Sequence 7,	3 US-09-068-740A-11 Sequence 11, Ag 4 US-09-855-722-7 Sequence 7, Apg 4 US-09-56-047-2 Sequence 2, Apg 4 US-09-117-254-85 Sequence 85, Ag 4 US-09-195-524-6 Sequence 6, Apg 4 US-09-195-536C-1 Sequence 1, Apg	4 US-09-949-016-5902 Sequence 5902, 4 US-09-949-016-10297 Sequence 10297, 4 US-08-185-432-17 Sequence 17, Apr 4 US-08-1899-232-2 Sequence 2, Apr 4 US-09-121-457-2 Sequence 2, Apr 3 US-09-467-2 Sequence 2, Apr 3 US-09-467-1 Sequence 1, Apr	1 US-08-3-5-1-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4	3 US-09-182-024A-5 Sequence 5, R 1 US-08-19-414-8 Sequence 8, B 1 US-08-614-935-3 Sequence 3, R 2 US-09-130-287-3 Sequence 3, R 1 US-08-669-486-5 Sequence 56, Z US-08-69-486-5 Sequence 56, 4 US-09-216-393B-110 Sequence 110,
3 US-08-981-392-5 Sequence 5, 4 US-09-908-322-5 Sequence 5, 2 US-07-857-2248-103 Sequence 10, 3 US-08-872-855-7 Sequence 10, 2 US-07-857-2248-112 Sequence 11, 1 US-08-614-935-30 Sequence 30, 3 US-09-130-287-30 Sequence 30, 4 US-09-489-847-166 Sequence 30, 4 US-09-489-847-166 Sequence 16, 16, 16, 16, 16, 16, 16, 16, 16, 16,	4 US-09-638-203-3 2 US-08-611-729-10 Sequence 10 3 US-08-611-729A-10 Sequence 10 4 US-09-195-224-10 Sequence 10 4 US-09-99-016-9270 Sequence 10 1 US-08-083-590A-19 Sequence 19	471 3 US-08-532-384-19 Sequence 19 471 4 US-08-999-232-1 Sequence 1, 471 4 US-09-907-7457-1 Sequence 1, 472 4 US-09-907-7544-137 Sequence 13 4 US-09-905-1254-137 Sequence 13 4 US-09-906-70-137 Sequence 13 4 US-09-906-70-137 Sequence 13	4 US-09-903-003-013/ 4 US-09-904-920A-137 Sequence 13 4 US-09-905-064-137 Sequence 13 4 US-09-906-618-137 Sequence 13 5 US-08-906-618-137 Sequence 13 3 US-08-722-126A-10 Sequence 10 5 PCT-US95-04258-10 Sequence 10	4 US-09-541-759-5 Sequence 5, 3 US-08-840-062-2 Sequence 2, 3 US-08-882-046-7 Sequence 7, 4 US-09-566-047-7 Sequence 7, 3 US-09-068-740A-6 Sequence 6, 4 US-09-579-536C-18 Sequence 18	3 US-09-068-740A-7 Sequence 7, 4 US-09-199-865-1 Sequence 1, 4 US-10-213-329-1 Sequence 1, 2 US-08-400-159-6 Sequence 6, 3 US-08-611-729A-6 Sequence 6, 3 US-08-882-046-2 Sequence 2, 3 US-09-214-278-7 Sequence 7,	218 3 US-09-068-740A-11 Sequence 11, Ag 218 4 US-09-855-722-7 Sequence 7, Apg 218 4 US-09-56-047-2 Sequence 21, Apg 218 4 US-09-17-254-6 Sequence 6, Apg 218 4 US-09-579-536C-1 Sequence 1, Apg 218 4 US-09-579-536C-1	4 US-09-949-016-5902 Sequence 5902, 4 US-09-949-016-10297 Sequence 10297, 4 US-08-185-432-17 Sequence 17, Apr 4 US-08-1899-232-2 Sequence 2, Apr 4 US-09-121-457-2 Sequence 2, Apr 3 US-09-467-2 Sequence 2, Apr 3 US-09-467-1 Sequence 1, Apr	139 1 US-08-131-825-4 Sequence 4, 7 139 US-09-113-825-4 Sequence 20, 556 1 US-08-512-384-20 Sequence 20, 8 440 US-08-512-938-12 Sequence 12, 440 2 US-08-460-998-12 Sequence 12, 248 3 US-08-860-98-12 Sequence 6, A 248 3 US-08-82-046-6 Sequence 6, A 248 3 US-08-82-046-6 Sequence 6, A 248 3 US-09-566-047-6 Sequence 6, A	3 US-09-182-024A-5 Sequence 5, R 1 US-08-19-414-8 Sequence 8, B 1 US-08-614-935-3 Sequence 3, R 2 US-09-130-287-3 Sequence 3, R 1 US-08-669-486-5 Sequence 56, Z US-08-69-486-5 Sequence 56, 4 US-09-216-393B-110 Sequence 110,
1 721 3 US-08-981-392-5 Sequence 5, 1 721 4 US-09-908-322-5 Sequence 5, 2 US-07-985-2248-103 Sequence 5, 2 US-07-887-2248-103 Sequence 7, 2 US-07-887-2248-112 Sequence 112, 2 US-07-887-2248-112 Sequence 112, 2 US-07-887-2248-112 Sequence 112, 2 US-08-614-935-30 Sequence 30, 2 US-09-130-287-30 Sequence 30, 2 US-09-130-287-30 Sequence 16, 2 US-09-130	193 2 US-08-400-159-10 Sequence 10 1193 2 US-08-400-159-10 Sequence 10 1193 3 US-08-611-729A-10 Sequence 10 1193 3 US-08-611-729A-10 Sequence 10 1193 4 US-09-195-524-10 Sequence 10 1193 4 US-09-949-016-9270 Sequence 10 11 US-08-185-432-16 Sequence 10 1 US-08-083-590A-19 Sequence 10 1 US-08-083-590A-19	.9 2471 3 US-08-532-384-19 Sequence 19 .9 2471 4 US-08-899-232-1 Sequence 1, .9 2471 4 US-09-121-457-1 Sequence 1, .9 382 4 US-09-907-794A-137 Sequence 13 .9 382 4 US-09-905-775A-137 Sequence 13 .9 382 4 US-09-905-705A-137 Sequence 13 .9 382 4 US-09-906-700-137 Sequence 13	9 382 4 US-09-904-920A-137 Sequence 13 9 382 4 US-09-904-920A-137 Sequence 13 9 382 4 US-09-905-064-137 Sequence 13 9 382 4 US-09-905-381A-137 Sequence 13 9 382 4 US-09-905-381A-137 Sequence 13 9 382 4 US-09-906-61B-137 Sequence 13 9 129 3 US-08-722-126A-10 Sequence 10 9 129 5 PCT-US95-04258-10 Sequence 10	.9 192 4 US-09-541-759-5 Sequence 5, 1479 3 US-08-840-062-2 Sequence 2, 18 1010 3 US-08-882-046-7 Sequence 7, 18 1010 4 US-09-566-047-7 Sequence 7, 18 1036 3 US-09-068-740A-6 Sequence 6, 1057 4 US-09-579-536C-18 Sequence 18	187 3 US-09-068-740A-7 Sequence 7, 8 1208 4 US-09-109-665-1 Sequence 1, 8 1208 4 US-013-329-1 Sequence 1, 8 1218 2 US-08-400-159-6 Sequence 6, 8 1218 3 US-08-611-729A-6 Sequence 6, 8 1218 3 US-08-812-046-2 Sequence 7, 8 1218 3 US-09-214-278-7 Sequence 7,	.8 1218 3 US-09-068-740A-11 Sequence 11, Ag 1218 4 US-09-855-722-7 Sequence 7, Apg 1218 4 US-09-86-047-2 Sequence 7, Apg 1218 4 US-09-17-254-85 Sequence 85, Ag 1218 4 US-09-17-254-6 Sequence 6, Apg 1218 4 US-09-579-536C-1 Sequence 1, Apg 1218 4 US-09-579-536C-1	1218 4 US-09-949-016-10297 Sequence 5902, 1254 4 US-09-949-016-10297 Sequence 10297, 18 2556 1 US-09-949-016-10297 Sequence 17, Apr. 18 2556 4 US-08-899-232-2 Sequence 2, Apr. 1964 3 US-09-9121-457-2 Sequence 2, Apr. 1964 3 US-09-97-10 Sequence 1, Apr. 1964 3 US-09-97-10 Sequence 1	7 1139 1 02-08-35-41 Sequence 4, 7 1139 1 03-08-35-4 Sequence 20, 7 2556 1 08-08-13-884-20 Sequence 20, 7 440 1 03-07-930-686-12 Sequence 12, 7 440 2 03-460-998-12 Sequence 12, 7 1248 3 08-09-56-047-6 Sequence 6, 8 5-7 1248 3 08-566-047-6 Sequence 6, 8 5-7 1248 3 08-566-047-6 Sequence 6, 8 5-7 1248 3 08-566-047-6	6 1480 3 US-09-182-024A-5 Sequence 5, R 203 1 US-08-419-414-8 Sequence 8, R 203 1 US-08-614-935-3 Sequence 3, R 202 1 US-08-469-486-56 Sequence 5, Sequence 5, R 202 2 US-08-469-486-56 Sequence 56, Seq
6.1 721 3 US-08-981-392-5 Sequence 5, 6.1 721 4 US-09-98-322-5 Sequence 5, 6.1 135 2 US-07-857-2248-103 Sequence 17, 6.1 721 3 US-08-872-855-7 Sequence 17, 6.0 138 2 US-07-857-2248-112 Sequence 17, 6.0 166 1 US-08-614-935-30 Sequence 10, 6.0 166 3 US-08-130-287-30 Sequence 16, 6.0 166 3 US-09-130-287-30 Sequence 16, 6.0 166 3 US-09-130-287-30 Sequence 16, 6.0 166 3 US-09-130-287-30 Sequence 16, 6.0 14 4 US-09-130-230 Sequence 16, 6.0 14 4 US-0	6.0 1193 2 US-09-638-203-3 6.0 1193 2 US-09-638-203-3 6.0 1193 3 US-08-611-729A-10 Sequence 10 6.0 1193 3 US-08-611-729A-10 Sequence 10 6.0 1193 4 US-09-195-524-10 Sequence 10 6.0 254 4 US-09-949-016-9270 Sequence 10 6.0 254 4 US-09-949-016-9270 Sequence 10 6.0 254 1 US-08-185-432-16 Sequence 19	5.9 2471 3 US-08-532-384-19 Sequence 19 5.9 2471 4 US-08-699-232-1 Sequence 1, 5.9 2471 4 US-09-121-457-1 Sequence 1, 5.9 382 4 US-09-907-794A-137 Sequence 13 5.9 382 4 US-09-902-125A-137 Sequence 13 5.9 382 4 US-09-902-775A-137 Sequence 13 5.9 382 4 US-09-902-775A-137 Sequence 13	5.9 382 4 US-09-904-9203-137 Sequence 13 5.9 382 4 US-09-904-9203-137 Sequence 13 5.9 382 4 US-09-909-064-137 Sequence 13 5.9 382 4 US-09-905-3813.137 Sequence 13 5.9 382 4 US-09-905-5133.137 Sequence 13 5.9 382 4 US-09-906-513.7 Sequence 13 5.9 129 3 US-08-722-1263-10 Sequence 10 5.9 129 5 PCT-US95-04258-10 Sequence 10	5.9 192 4 US-09-541-759-5 Sequence 5, 5.8 1479 3 US-08-840-062-2 Sequence 2, 5.8 1010 3 US-08-882-046-7 Sequence 7, 5.8 1010 4 US-09-566-047-7 Sequence 7, 5.8 1036 3 US-09-068-740A-6 Sequence 6, 5.8 1067 4 US-09-579-536C-18 Sequence 18	5.8 1187 3 US-09-068-740A-7 Sequence 7, 5.8 1208 4 US-09-199-865-1 Sequence 1, 5.8 1208 4 US-09-199-865-1 Sequence 1, 5.8 1218 2 US-08-400-159-6 Sequence 6, 5.8 1218 3 US-08-611-729A-6 Sequence 6, 5.8 1218 3 US-09-214-278-7 Sequence 7, 5.8 1218 3 US-09-214-278-7	5.8 1218 3 US-09-068-740A-11 Sequence 11, Ag 5.8 1218 4 US-09-855-72.7 Sequence 7, Apg 5.8 1218 4 US-09-917-254-85 Sequence 85, Apg 5.8 1218 4 US-09-917-254-6 Sequence 6, Apg 5.8 1218 4 US-09-195-524-6 Sequence 6, Apg 5.8 1218 4 US-09-579-536C-1 Sequence 1, Apg	5.8 1218 4 US-09-949-016-5902 Sequence 5902, 5.8 1254 4 US-09-949-016-10297 Sequence 10297, 5.8 2556 1 US-09-949-216-117 Sequence 17, Apr. 5.8 2556 4 US-08-999-232-2 Sequence 2, Apr. 5.8 2556 4 US-09-121-457-2 Sequence 2, Apr. 5.7 1964 3 US-09-467-997-1 Sequence 1, Apr. 5.7 1964 3 US-09-467-997-1	5.7 1139 1 02-08-35-41 Sequence 4, 7 139 1 03-08-35-4 Sequence 20, 5.7 2556 1 08-08-13-884-20 Sequence 20, 5.7 2556 3 08-08-32-384-20 Sequence 20, 5.7 440 1 03-07-930-686-12 Sequence 12, 5.7 440 2 03-08-12 Sequence 12, 5.7 1248 3 08-08-16 Sequence 6, A 5.7 1248 3 08-56-047-6 Sequence 6, A 5.7 1248 4 03-09-566-047-6 Sequence 6, A 5.7 1248 3 08-566-047-6	5.6 1480 3 US-09-182-024A-5 Sequence 5, P Sequence 5, P Sequence 3, P Sequence 5, P Se
154.5 6.1 721 3 US-08-981-392-5 Sequence 5, Appli 154.5 6.1 721 4 US-09-981-322-5 Sequence 5, Appli 154.5 6.1 721 4 US-09-981-322-5 Sequence 103, Appli 154 6.1 713 3 US-08-872-281-103 Sequence 103, Appli 153.5 6.1 721 3 US-08-872-855-7 Sequence 7, Appli 153.6 6.0 158 2 US-07-857-2848-112 Sequence 712, Appli 153 6.0 166 3 US-09-130-287-30 Sequence 30, Appli 153 6.0 166 3 US-09-130-287-30 Sequence 30, Appli 153 6.0 166 3 US-09-489-487-166 Sequence 166, Appli 153 6.0 134 4 US-08-6130-287-30 Sequence 166, Appli 154 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6.0 155 6	15.1 6.0 260 4 US-09-638-203-3 Sequence 3.5 6.0 1193 2 US-08-400-159-10 Sequence 10.5 6.0 1193 3 US-08-611-729A-10 Sequence 10.5 6.0 1193 4 US-09-95-524-10 Sequence 10.5 6.0 254 4 US-09-999-016-9270 Sequence 10.5 6.9 254 1 US-08-188-432-16 Sequence 92.5 6.9 2471 1 US-08-083-590A-19 Sequence 19.5 6.9 2471 1 US-08-083-590A-19 Sequence 19.5 6.9 2471 1 US-08-083-590A-19	150 5.9 2471 3 US-08-532-384-19 Sequence 19 150 5.9 2471 4 US-08-99-232-1 Sequence 1, 150 5.9 2471 4 US-09-121-457-1 Sequence 1, 9.5 5.9 382 4 US-09-905-125A-137 Sequence 13 9.5 5.9 382 4 US-09-905-125A-137 Sequence 13 9.5 5.9 382 4 US-09-905-125A-137 Sequence 13 9.5 5.9 382 4 US-09-905-775A-137 Sequence 13 9.5 5.9 382 4 US-09-905-775A-137 Sequence 13	5.9 382 4 US-09-904-9203-137 Sequence 13 5.9 382 4 US-09-904-9203-137 Sequence 13 5.9 382 4 US-09-909-064-137 Sequence 13 5.9 382 4 US-09-905-3813.137 Sequence 13 5.9 382 4 US-09-905-5133.137 Sequence 13 5.9 382 4 US-09-906-513.7 Sequence 13 5.9 129 3 US-08-722-1263-10 Sequence 10 5.9 129 5 PCT-US95-04258-10 Sequence 10	5.9 192 4 US-09-541-759-5 Sequence 5, 5.8 1479 3 US-08-840-062-2 Sequence 2, 5.8 1010 3 US-08-882-046-7 Sequence 7, 5.8 1010 4 US-09-566-047-7 Sequence 7, 5.8 1036 3 US-09-068-740A-6 Sequence 6, 5.8 1067 4 US-09-579-536C-18 Sequence 18	5.8 1187 3 US-09-068-740A-7 Sequence 7, 5.8 1208 4 US-09-199-865-1 Sequence 1, 5.8 1208 4 US-09-199-865-1 Sequence 1, 5.8 1218 2 US-08-400-159-6 Sequence 6, 5.8 1218 3 US-08-611-729A-6 Sequence 6, 5.8 1218 3 US-09-214-278-7 Sequence 7, 5.8 1218 3 US-09-214-278-7	5.8 1218 3 US-09-068-740A-11 Sequence 11, Ag 5.8 1218 4 US-09-855-72.7 Sequence 7, Apg 5.8 1218 4 US-09-917-254-85 Sequence 85, Apg 5.8 1218 4 US-09-917-254-6 Sequence 6, Apg 5.8 1218 4 US-09-195-524-6 Sequence 6, Apg 5.8 1218 4 US-09-579-536C-1 Sequence 1, Apg	5.8 1218 4 US-09-949-016-5902 Sequence 5902, 5.8 1254 4 US-09-949-016-10297 Sequence 10297, 5.8 2556 1 US-09-949-216-117 Sequence 17, Apr. 5.8 2556 4 US-08-999-232-2 Sequence 2, Apr. 5.8 2556 4 US-09-121-457-2 Sequence 2, Apr. 5.7 1964 3 US-09-467-997-1 Sequence 1, Apr. 5.7 1964 3 US-09-467-997-1	5.7 1139 1 02-08-35-41 Sequence 4, 7 139 1 03-08-35-4 Sequence 20, 5.7 2556 1 08-08-13-884-20 Sequence 20, 5.7 2556 3 08-08-32-384-20 Sequence 20, 5.7 440 1 03-07-930-686-12 Sequence 12, 5.7 440 2 03-08-12 Sequence 12, 5.7 1248 3 08-08-16 Sequence 6, A 5.7 1248 3 08-56-047-6 Sequence 6, A 5.7 1248 4 03-09-566-047-6 Sequence 6, A 5.7 1248 3 08-566-047-6	2.5 5.6 1480 3 US-09-182-024A-5 Sequence 5, R 203 1 US-08-419-414-8 Sequence 8, R 203 1 US-08-419-913-3 Sequence 3, R 25 203 3 US-09-130-287-3 Sequence 3, R 25 202 1 US-08-469-486-56 Sequence 5, R 202 2 US-08-469-658-56 Sequence 56, R 203 4 US-09-130-288-10 Sequence 56, R 203 4 US-09-116-398-110 Sequence 110, R 203 2 US-09-116-398-110 Sequence 110, US-08-116-388-110 Sequence 110, US-08-116-

us-09-944-896-50.spdi.rai

2005
8:35
08:18
17
Sep
Sat
,

						Sequence 2, Appli Sequence 2, Appli Sequence 4, Appli Sequence 4, Appli Sequence 113, App Sequence 113, App Sequence 286, Ap Sequence 33, Appl Sequence 30, Appl Sequence 25, Appl Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli
			US-09-904-920A-377 US-09-908-064-377 US-09-906-61B-377 US-09-906-61B-37 US-08-641-612-2 US-08-220-603A-11 US-08-220-603A-11 US-08-323-474-8 US-08-323-474-8			US-08-537-210A-2 US-09-113-825-2 US-08-404-655-4 US-08-404-671-4 US-07-857-224B-113 US-09-949-016-10685 US-09-949-016-10685 PCT-US96-07709-33 PCT-US96-07709-25 US-08-282-141-2 US-08-435-434-2 US-08-435-434-2 US-08-435-434-2
						1068 11358 11358 11358 11258 11244 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 11644 1
00000000000	· · · · · · · ·					ক ক ক ক ক ক ক ক ক ক ক ক ক ক ক ত ত ত ত ত
127.5 127.5 127.5 127.5 127.5 127.1 127 127	126.5 126.5 126.5 126.5 126.5 126.5	2000	000	111124 1244 1244 1244 1244 1244 1244 12	000	123.5 123.5 123.5 123.5 123 123 123 123 123 123
						20000000000000000000000000000000000000
						···
Sequence 13, Appl Sequence 13, Appl Sequence 9, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli	Sequence 356, App Sequence 6, Appli Sequence 4, Appli Sequence 2, Appli Sequence 35, Appli Sequence 3, Appli Sequence 3, Appli	Sequence 2, Appli Sequence 2, Appli Sequence 6, Appli Sequence 6, Appli Sequence 4, Appli Sequence 4, Appli Sequence 14, Appli	Sequence 12, Appl Sequence 4, Appl Sequence 4, Appli Sequence 6, Appli	Sequence 1, Appli Sequence 1, Appli Sequence 10, Appli Sequence 4, Appli Sequence 4, Appli Sequence 4, Appli Patent No. 5514582 Patent No. 5514582 Sequence 192, App Sequence 192, App Sequence 332, App	Sequence 97, Appl Patent No. 5514582 Patent No. 5514582 Sequence 4, Appli Sequence 24, Appl Sequence 24, Appl Sequence 28, Appl Sequence 22, Appl Sequence 22, Appl	Sequence 26, Appli Sequence 5, Appli Sequence 5, Appli Sequence 27, Appli Sequence 28, Appl Sequence 30, Appl Sequence 30, Appl Sequence 30, Appl Sequence 131, Appl Sequence 131, Appl Sequence 131, Appl Sequence 132, Appli Sequence 132, Appli Sequence 17, Appl
Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence	Sequence Sequence Sequence Sequence Sequence Sequence Sequence	Sequence Sequence Sequence Sequence Sequence Sequence Sequence	acuantas acuantas acuantas acuantas acuantas acuantas acuantas acuantas acuantas	Sequence Sequence Sequence Sequence Sequence Patent No Patent No Patent No Sequence Sequence Sequence	Sequence Patent No Patent No Sequence Sequence Sequence Sequence Sequence Sequence Sequence	acunentes e seduence e
3 US-08-981-392-13 Sequence 4 US-09-908-322-13 Sequence 2 US-08-459-521-8 Sequence 2 US-08-469-537A-96 Sequence 4 US-08-733-732-2 Sequence 5 PCT-US95-11684-2 Sequence 1 US-08-457-135-2 Sequence 1 US-08-457-135-2 Sequence 3 US-09-949-016-11031 Sequence 3 US-09-182-024A-2 Sequence	4 US-09-312-283C-396 Sequence 4 US-09-845-583A-6 Sequence 4 US-09-311-842A-4 Sequence 4 US-09-341-461-2 Sequence 4 US-09-355-521-25 Sequence 1 US-08-537-210A-3 Sequence 3 US-09-133-825-3 Sequence 1 US-09-133-825-3 Sequence	1 US-08-278-957A-2 Sequence 1 US-08-278-089A-6 Sequence 2 US-08-838-957A-6 Sequence 2 US-08-838-957A-6 Sequence 4 US-09-796-575-2 Sequence 3 US-09-714-70-4 Sequence 4 US-09-862-802A-4 Sequence 2 US-07-857-224B-114 Sequence	4 US-09-065-040-12 Sequence 4 US-09-907-794A-4 Sequence 4 US-09-907-75A-4 Sequence 4 US-09-902-775A-4 Sequence 4 US-09-906-700-4 Sequence 4 US-09-906-700-4 Sequence 4 US-09-906-700-4 Sequence 4 US-09-909-64-4 Sequence 4 US-09-909-64-4 Sequence 5 US-09-909-64-4 Sequence 6 US-09-909-64-4 Sequence 7 US-09-909-64-4 Sequence 7 US-09-909-64-4 Sequence	1 US-08-597-545-1 1 US-08-597-545-1 1 US-08-457-135-1 4 US-09-142-027A-10 5 US-09-142-027A-10 5 US-08-793-273C-4 5 US-08-793-273C-4 5 ST4582-11 6 5514582-11 6 5514582-11 7 US-09-112-2813C-192 8 US-09-112-2813C-192 8 US-09-312-283C-332 8 US-09-312-283C	1 US-08-469-537A-97         Sequence           6 5514582-13         Patent No           6 5514582-13         Patent No           4 US-09-541-759-4         Sequence           4 US-09-562-702A-24         Sequence           4 US-09-562-702A-24         Sequence           4 US-09-562-702A-28         Sequence           4 US-09-562-702A-22         Sequence	4 US-09-562-702A-26 Sequence 2 US-08-460-309-5 Sequence 4 US-08-125-077-5 Sequence 4 US-09-511-842A-2 Sequence 4 US-09-562-702A-32 Sequence 4 US-09-562-702A-30 Sequence 5 US-09-249-016-1141 Sequence 7 US-09-249-016-1141 Sequence 7 US-09-245-041-111 Sequence 7 US-09-245-041-112 Sequence 7 US-09-245-041-17 Sequence 7 US-09-245-041-17 Sequence 7 US-09-245-041-17 Sequence 7 US-09-245-041-17 Sequence
2 578 3 US-08-981-392-13 Sequence 2 578 4 US-09-968-322-13 Sequence 2 1101 2 US-08-469-537A-96 Sequence 2 1101 2 US-08-469-537A-96 Sequence 2 1109 4 US-08-733-273C-2 Sequence 2 1109 5 PCT-US95-11684-2 Sequence 2 1109 1 US-08-597-545-2 Sequence 2 1109 1 US-08-457-135-2 Sequence 2 1109 1 US-08-457-135-2 Sequence 2 1109 1 US-08-459-016-11031 Sequence 2 1109 1 US-08-49-016-11031 Sequence	1529 4 US-09-312-283C-396 Sequence 1799 4 US-09-845-583A-6 Sequence 1799 4 US-09-911-842A-4 Sequence 1799 4 US-09-311-842A-4 Sequence 1799 4 US-09-311-842A-4 Sequence 1799 4 US-09-351-521-25 Sequence 1799 4 US-09-353-521-25 Sequence 1799 1 US-09-313-825-3 Sequence 1799 1 US-07-934-393B-2 Sequence	2 1118 1 US-08-278-089A-2 Sequence 2 1122 1 US-08-38-957A-2 Sequence 2 1122 2 US-08-38-957A-6 Sequence 2 220 4 US-09-796-575-2 Sequence 3 316 4 US-09-796-575-2 Sequence 1 316 4 US-09-862-802A-4 Sequence 1 125 2 US-07-857-22B-114 Sequence	1 137 4 US-09-065-040-12 Sequence 1 379 4 US-09-907-794A-4 Sequence 1 379 4 US-09-907-75A-4 Sequence 1 379 4 US-09-905-70-4 Sequence 1 379 4 US-09-906-700-4 Sequence 1 379 4 US-09-906-700-4 Sequence 1 379 4 US-09-904-920A-4 Sequence 1 379 4 US-09-905-381A-4 Sequence	1. 379 4 US-U0-900-6-18-4 Sequence 1. 385 1 US-08-597-545-1 Sequence 1. 385 1 US-08-457-135-1 Sequence 1. 385 4 US-09-142-027A-10 Sequence 1. 1810 5 PCT-US95-11684-4 Sequence 1. 1810 5 PCT-US95-11684-4 Sequence 1. 1810 5 PCT-US95-11684-4 Sequence 1. 1810 5 US-08-793-21 Sequence 1. 299 3 US-09-188-930-192 Sequence 1. 299 4 US-09-1312-283C-132 Sequence 1. 299 4 US-09-312-283C-332 Sequence	1135 2 US-08-469-537A-97 Sequence 1.1 1.135 2 US-08-469-537A-97 Patent No 1.1 220 4 US-09-541.759-4 Sequence 1.1 576 4 US-09-562-702A-24 Sequence 1.1 554 4 US-09-561-818A-24 Sequence 1.1 554 4 US-09-561-818A-22 Sequence 1.1 609 4 US-09-562-702A-22 Sequence 1.1 609 4 US-09-562-702A-22 Sequence 1.1 609 4 US-09-561-818A-22 Sequence 1.1 609 4 US-09-661-818A-22 Sequence 1.1 609 6 US-09-661-818A-22 Sequence 1.1 609 6 US-09-661-818A-22 Sequence 1.1 609 6 US-	US-09-562-702A-26 Sequence US-08-460-309-5 Sequence US-08-125-077-5 Sequence US-09-512-702A-32 Sequence US-09-562-702A-32 Sequence US-09-562-702A-30 Sequence US-09-562-702A-30 Sequence US-09-562-702A-30 Sequence US-09-562-702A-30 Sequence US-09-562-702A-31 Sequence US-09-49-016-10498 Sequence US-09-74-236-3 Sequence US-09-74-236-3 Sequence US-09-78-041-131 Sequence US-09-78-041-131 Sequence US-09-245-041-13 Sequence US-09-245-041-17 Sequence US-09-245-041-17 Sequence US-09-358-0558-132 Sequence US-09-358-0558-132 Sequence US-09-358-0558-132 Sequence
132.5 5.2 578 3 US-08-981-322-13 Sequence 132.5 5.2 578 4 US-09-908-322-13 Sequence 132 5.2 1101 2 US-09-908-322-13 Sequence 131.5 5.2 1101 2 US-08-469-537A-96 Sequence 131.5 5.2 2199 4 US-08-733-273C-2 Sequence 131.5 5.2 2199 5 PCT-US95-11684-2 Sequence 131 5.2 383 1 US-08-597-545-2 Sequence 131 5.2 383 1 US-08-457-135-2 Sequence 131 5.2 1721 4 US-09-949-016-11031 Sequence 131 5.2 1721 4 US-09-949-016-11031 Sequence 131 5.2 1523 3 US-09-182-024A-2 Sequence	131 5.2 1529 4 US-09-312-283C-396 Sequence 131 5.2 1799 4 US-09-845-883A-6 Sequence 131 5.2 3623 4 US-09-941-842A-4 Sequence 131 5.2 3623 4 US-09-341-461-2 Sequence 130.5 5.2 123 4 US-09-355-521-25 Sequence 130.5 5.2 1064 1 US-09-133-521-25 Sequence 130.5 5.2 118 1 US-09-133-825-3 Sequence 130.5 5.2 118 1 US-07-934-9398-2 Sequence	130.5 5.2 1118 1 US-08-278-089A-2 Sequence 130.5 5.2 1128 1 US-08-278-089A-6 Sequence 130.5 5.2 1122 1 US-08-278-089A-6 Sequence 130.5 5.2 1122 1 US-08-278-089A-6 Sequence 130.5 5.2 2200 4 US-09-796-525-2 Sequence 130 5.1 316 3 US-09-796-275-2 Sequence 130 5.1 316 4 US-09-862-802A-4 Sequence 129.5 5.1 125 2 US-07-857-22B-114 Sequence 129.5 5.1 125 2 US-07-857-22B-114	129.5 5.1 137 4 US-09-065-040-12 Sequence 129.5 5.1 379 4 US-09-065-040-12 Sequence 129.5 5.1 379 4 US-09-907-794A-4 Sequence 129.5 5.1 379 4 US-09-905-125A-4 Sequence 129.5 5.1 379 4 US-09-905-70A-4 Sequence 129.5 5.1 379 4 US-09-906-700-4 Sequence 129.5 5.1 379 4 US-09-906-70-4 Sequence 129.5 5.1 379 4 US-09-906-4 Sequence 129.5 5.1 379 4 US-09-906-64-4 Sequence 129.5 5.1 379 4 US-09-905-64-4 Sequence 129.5 5.1 379 4 US-09-905-318.4-4 Sequence 129.5 5.1 379 5 US-09-905-318.4-4 Sequence 129.5 5.1 379 5 US-09-905-318.4-4 Sequence 129.5 5.1 379	129.5 5.1 379 4 US-09-505-618-4 Sequence 129.5 5.1 385 1 US-08-597-545-1 Sequence 129.5 5.1 385 1 US-08-457-135-1 Sequence 129.5 5.1 385 4 US-09-142-027A-10 Sequence 129.5 5.1 1810 5 PCT-US95-11684-4 Sequence 129.5 5.1 1810 5 PCT-US95-11684-4 Sequence 129 5.1 111 6 5514582-11 Patent No 129 5.1 299 3 US-09-188-930-192 Sequence 129 5.1 299 3 US-09-188-930-192 Sequence 129 5.1 299 4 US-09-312-283C-332 Sequence 129 5.1 299 4 US-09-312-283C-332 Sequence 129 5.1 299 4 US-09-312-283C-332 Sequence	129 5.1 1135 2 US-08-469-537A-97 Sequence 128.5 5.1 114 6 5514582-13 Patent No 128.5 5.1 120 4 US-09-541-759-4 Sequence 128.5 5.1 1576 4 US-09-551-181A-24 Sequence 128.5 5.1 1576 4 US-09-552-702A-24 Sequence 128.5 5.1 1576 4 US-09-552-702A-24 Sequence 128.5 5.1 1609 4 US-09-552-702A-28 Sequence 128.5 5.1 1609 4 US-09-552-702A-28 Sequence 128.5 5.1 1609 4 US-09-562-702A-22 Sequence 128.5 5.1 1609 4 US-09-561-818A-22 Sequence 128.5 5.1 1609 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1617 4 US-09-562-702A-26 Sequence 1 3075 2 US-08-460-309-5 Sequence 2 US-08-460-309-5 Sequence 2 US-09-562-702A-26 Sequence 2 US-09-562-702A-32 Sequence 2 US-09-561-818A-28 Sequence 2 US-09-561-818A-28 Sequence 2 US-09-561-818A-28 Sequence 2 US-09-561-818A-28 Sequence 2 US-09-561-818A-29 Sequence 2 US-09-561-818A-26 Sequence 2 US-09-561-818A-26 Sequence 2 US-09-562-702A-30 Sequence 2 US-09-562-9131 Sequence 2 US-09-794-236-3 Sequence 2 US-09-794-236-3 Sequence 2 US-09-794-236-3 Sequence 2 US-09-794-236-3 Sequence 2 US-09-358-0558-132 Sequ

				Sequence 34, Appl Sequence 34, Appl Sequence 34, Appl Sequence 34, Appl Sequence 34, Appl Sequence 7, Appl Sequence 7, Appli Sequence 7, Appli Sequence 177, Appli Sequence 177, Appli Sequence 177, Appli Sequence 177, Appli		Sequence 2, Appliance 41, Appliance 11, Appliance 11, Appliance 11, Appliance 2, Appliance 612, Appliance 612, Appliance 6412, Appliance
				2 US-08-820-170A-34 3 US-09-055-699-34 3 US-09-055-538-34 3 US-09-565-538-34 3 US-09-976-165-34 4 US-09-976-165-34 5 US-08-729-103-3 5 US-08-729-103-3 5 US-08-729-103-3 5 US-08-739-177 6 US-08-981-392-65		1 US-US-US-US-US-US-US-US-US-US-US-US-US-U
244444444444 144477777777777777777777777	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	575 575 575 276 376 110	810 810 810 810 165 179	3 6 4 7 1 1 9 2 1 9 2 1 9 2 1 9 2 1 9 1 9 1 9 1	158 158 157 157 3375 3380 1117 1798 248 251 251
。 עמים מממממממ עמים מממים מממים עמים מממים מממים	4 4 4 4 4 4 4 4 n n n n n n n n n n	. 4 4 4 4 4 4 4 4 	๛ ๛ ๛ ๛ ๛ ๛ ๛ ๛ ๛ ๛ ๛ ๛ ๛ ๛ ๛ ๛ ๛ ๛ ๛	. य य य य य य य य य य य य य य य य य य य	य य य य य य य य य य य य य य य य य य य य	
113.5 1113.5 1113.5 1113.5 1113.5 1113.5 1113.5 1113.5	113.5 113.5 113.5 113.5 113.5	113.5 113.5 113.5 113.5 113.5	113.5 113.5 113.5 113.5 113 113 113 112.5	112.5 112.5 112.5 112.5 112.5 112.5 112.5 112.5 112.5 112.5	111111111111111111111111111111111111111	110.5 110.5 110.5 110 110 110 110 1109.5 109.5
						0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 10403, A Sequence 12, Appli Sequence 12, Appli Sequence 5, Appli Sequence 1, Appli Sequence 1, Appli	Sequence 6, Appli Sequence 31, Appl Sequence 10, Appl Sequence 10, Appl Sequence 4, Appli Sequence 4, Appli Sequence 12, Appli Sequence 9, Appli	Sequence 9, Appli Sequence 1076, Ap Sequence 1076, Ap Sequence 4, Appli Sequence 10686, A Sequence 14, Appl	Sequence 2, Appli Sequence 109, App Patent No. 5514582 Patent No. 5514582 Sequence 15, Appl Sequence 35, Appli Sequence 4, Appli Sequence 6294, Ap Sequence 2, Appli	Sequence 2, Appli Sequence 7517, Ap Sequence 7517, Ap Sequence 12, Appli Sequence 8, Appli Sequence 10, Appli Sequence 2, Appli Sequence 7, Appli Sequence 7, Appli Sequence 86, Appli	Sequence 5937, Ap Sequence 4, Appli Sequence 4, Appli Sequence 2, Appli Sequence 38, Appl Sequence 116.2, A Sequence 11, Appli Sequence 1, Appli Sequence 10, Appli Sequence 10, Appli Sequence 8, Appli	Sequence 10.72, A Sequence 10.72, A Sequence 10.72, A Sequence 10.48, A Sequence 10.48, A Sequence 10.48, A Sequence 4, Applisequence 4, Applisequence 4, Applisequence 9.75, Ap Sequence 2, Applisequence 2, Applisequence 2, Applisequence 2, Applisequence 2, Applisequence 2, Applisequence 3, Applisequence 4, Appl
Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence I Seq	Sequence Sequence Sequence Sequence Sequence Sequence	Sequence Sequence Sequence Sequence Sequence Sequence	Sequence Sequence Patent No Patent No Sequence Sequence Sequence Sequence	ecuentes	Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence	Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Seq
2 US-08-438-864-2 Sequence 2 US-08-438-862-2 Sequence 2 US-08-438-862-2 Sequence 2 US-08-443-8668-2 Sequence 2 US-09-949-016-10403 Sequence 2 US-09-949-016-10403 Sequence 1 US-09-142-027A-12 Sequence 1 US-08-641-612-5 Sequence 1 US-08-537-210A-1 Sequence 3 US-09-113-825-1 Sequence 3 US-09-113-825-1	3 US-08-840-062-6 Sequence 4 US-09-194-612A-31 Sequence 3 US-09-111-470-10 Sequence 2 US-08-688-342-4 Sequence 2 US-09-113-788-4 Sequence 4 US-09-862-802A-12 Sequence 3 US-09-131-788-4 Sequence 3 US-09-131-788-4 Sequence	3 US-09-540-245A-9 Sequence 3 US-09-540-153-9 Sequence 4 US-09-538-092-1076 Sequence 2 US-08-929-103-4 Sequence 4 US-09-949-016-10686 Sequence 3 US-09-940-047-14 Sequence 3 US-09-540-245A-14 Sequence	3 US-09-517-605-2 Sequence US-07-857-224B-109 Sequence 5514582-10 Patent No 5514582-10 Patent No 3 US-09-908-323-5 Sequence 4 US-09-908-322-35 Sequence 4 US-09-949-016-6294 Sequence 4 US-09-949-016-6294 Sequence 4 US-09-348-0558-2 Sequence 4 US-09-348-016-6294 Sequence 4 US-09-348-016-6294 Sequence 4 US-08-348-016-6294 Sequence 4 US-0	4 US-09-993-238-2 Sequence 4 US-09-949-016-7517 Sequence 4 US-09-961-403-7 Sequence 4 US-09-562-702A-8 Sequence 4 US-09-562-702A-8 Sequence 4 US-09-562-702A-6 Sequence 4 US-09-562-702A-6 Sequence 4 US-09-562-702A-6 Sequence 4 US-09-562-702A-6 Sequence 4 US-09-561-709A-7 Sequence 4 US-09-561-709A-7 Sequence 4 US-09-511-709A-7 Sequence	4 US-09-949-016-5937 Sequence 2 US-08-460-309-4 Sequence 2 US-08-125-077-4 Sequence 2 US-08-751-305-2 Sequence 4 US-09-257-583-15 Sequence 4 US-01-164-595-38 Sequence 1 US-07-641-971B-1 Sequence 1 US-07-781-248A-1 Sequence 1 US-08-365-103B-10 Sequence 1 US-08-365-103B-10 Sequence	2 US-08-650-598-3 Sequence 4 US-09-949-016-10272 Sequence 4 US-09-194-612A-1 Sequence 4 US-09-194-612A-1 Sequence 4 US-09-949-016-6806 Sequence 4 US-09-949-016-6806 Sequence 4 US-09-949-016-10448 Sequence 1 US-09-949-016-10448 Sequence 2 US-08-431-333-4 Sequence 2 US-08-431-333-4 Sequence 2 US-08-431-333-4 Sequence 5 PCT US91-02321-4 Sequence 4 US-09-949-016-9775 Sequence 1 US-08-945-583A-10 Sequence 4 US-09-845-583A-10 Sequence
2 US-08-438-864-2 Sequence 2 US-08-438-862-2 Sequence 2 US-08-438-862-2 Sequence 2 US-08-443-8668-2 Sequence 2 US-09-949-016-10403 Sequence 2 US-09-949-016-10403 Sequence 1 US-09-142-027A-12 Sequence 1 US-08-641-612-5 Sequence 1 US-08-537-210A-1 Sequence 3 US-09-113-825-1 Sequence 3 US-09-113-825-1	1449 3 US-08-840-062-6 Sequence 1723 4 US-09-194-612A-31 Sequence 273 4 US-09-111-470-10 Sequence 292 2 US-08-688-342-4 Sequence 292 2 US-09-113-788-4 Sequence 292 4 US-09-862-802A-12 Sequence 735 3 US-09-113-788-4 Sequence 292 4 US-09-862-802A-12 Sequence 202 4 US-09-802 4 US-09-862-802A-12 Sequence 202 4 US-09-862-802A-12 Sequence 202 4 US-09-862-802A-12 Sequence 202 4 US-09-862-802A-12 Sequence 202 4 US-09-862-802 4 US-09-862-802 4 US-09-862-802 4 US-09-8	.8 735 3 US-09-540-245A-9 Sequence .8 735 3 US-09-540-153-9 Sequence .8 2871 4 US-09-538-092-1076 Sequence .8 174 4 US-09-949-016-10686 Sequence .8 174 4 US-09-949-016-10686 Sequence .8 243 3 US-09-949-016-10686 Sequence .8 243 3 US-09-540-245A-14 Sequence .8 243 3 US-09-540-153-14 Sequence	404 3 US-09-517-605-2 Sequence 112 2 US-07-857-224B-109 Sequence 114 6 5514582-10 Patent No 114 6 5514582-10 Patent No 196 3 US-08-981-392-35 Sequence 196 4 US-09-908-322-35 Sequence 323 4 US-09-965-040-4 Sequence 1260 3 US-09-245-016-6294 Sequence 1260 3 US-09-245-016-6294 Sequence	1260 4 US-09-993-238-2 2123 4 US-09-994-016-7517 Sequence 3070 4 US-09-961-403-7 Sequence 3084 4 US-09-562-702A-12 Sequence 3089 4 US-09-562-702A-4 Sequence 3106 4 US-09-562-702A-4 Sequence 3110 4 US-09-562-702A-2 Sequence 3110 4 US-09-562-702A-6 Sequence 3110 4 US-09-561-702A-6 Sequence	3110 4 US-09-949-016-5937 Sequence 3111 2 US-08-46-039-4 Sequence 3111 2 US-08-125-077-4 Sequence 652 2 US-08-751-305-2 Sequence 214 4 US-09-257-583-15 Sequence 1854 4 US-10-164-555-38 Sequence 1854 4 US-09-949-016-11625 Sequence 174 1 US-07-611-971B-1 Sequence 174 1 US-07-611-24A-1 Sequence 320 1 US-08-365-103B-10 Sequence	US-08-50-598-3 Sequence US-09-949-016-10272 Sequence US-09-194-612A-1 Sequence US-09-194-612A-1 Sequence US-09-949-016-6806 Sequence US-09-949-016-6806 Sequence US-09-949-016-8115 Sequence US-09-949-016-815 Sequence US-08-421-333-4 Sequence US-08-421-333-4 Sequence US-09-949-016-9775 Sequence US-09-949-016-9775 Sequence US-09-845-583A-10 Sequence US-09-845-583A-10 Sequence US-09-561-709B-3 Sequence
4.9 678 2 US-08-438-864-2 Sequence 2 4.9 678 3 US-08-438-862-2 Sequence 2 4.9 678 3 US-08-628-747-2 Sequence 2 4.9 678 3 US-08-628-723-2 Sequence 2 4.9 678 3 US-08-443-8668-2 Sequence 2 4.9 678 3 US-08-443-8668-2 Sequence 2 4.8 329 4 US-09-249-016-10403 Sequence 1 4.8 329 4 US-09-142-027A-12 Sequence 1 4.8 585 4 US-09-641-612-5 Sequence 1 4.8 1015 3 US-09-113-825-1 Sequence 1 4.8 1015 3 US-09-113-825-1 Sequence 1 4.8 1015 3 US-09-113-825-1	4.8 1449 3 US-08-840-062-6 4.8 1723 4 US-09-194-612A-31 5	4.8 735 3 US-09-540-245A-9 Sequence 4.8 735 3 US-09-540-153-9 Sequence 4.8 246 2 US-08-540-153-9 Sequence 4.8 174 4 US-09-949-016-10686 Sequence 4.8 243 3 US-09-949-016-10686 Sequence 4.8 243 3 US-09-949-016-10686 Sequence 4.8 243 3 US-09-540-245A-14 Sequence 4.8 243 3 US-09-540-153-14 Sequence	4.8 404 3 US-09-517-605-2 Sequence 4.8 112 2 US-07-857-224B-109 Sequence 4.7 114 6 5514582-10 Patent No 4.7 196 3 US-09-908-322-35 Sequence 4.7 196 4 US-09-908-322-35 Sequence 4.7 323 4 US-09-908-322-35 Sequence 4.7 323 4 US-09-949-016-6294 Sequence 4.7 1260 3 US-09-249-016-6294 Sequence 4.7 1260 3 US-09-245-041-2 Sequence 4.7 1260 3 US-09-245-041-2 Sequence 4.7 1260 4 US-09-245-041-2 Se	1260 4 US-09-993-238-2 2123 4 US-09-994-016-7517 Sequence 3070 4 US-09-961-403-7 Sequence 3084 4 US-09-562-702A-12 Sequence 3089 4 US-09-562-702A-4 Sequence 3106 4 US-09-562-702A-4 Sequence 3110 4 US-09-562-702A-2 Sequence 3110 4 US-09-562-702A-6 Sequence 3110 4 US-09-561-702A-6 Sequence	4.7 3110 4 US-09-949-016-5937 Sequence 4.7 3111 2 US-08-460-309-4 Sequence 4.6 652 2 US-08-751-305-2 Sequence 4.6 652 2 US-08-751-305-2 Sequence 4.6 654 4 US-10-164-595-83-15 Sequence 4.6 1854 4 US-10-164-595-83 Sequence 4.6 1854 4 US-10-164-595-18 Sequence 4.6 174 1 US-07-641-971B-1 Sequence 4.6 174 1 US-07-641-971B-1 Sequence 4.6 320 1 US-08-365-103B-10 Sequence 4.6 321 1 US-08-365-103B-10 Sequence	4.6 131 2 US-08-650-598-3 Sequence 4.5 1722 4 US-09-949-016-10272 Sequence 4.5 1722 4 US-09-194-612A-1 Sequence 4.5 1326 4 US-09-194-612A-1 Sequence 4.5 1326 4 US-09-949-016-6806 Sequence 4.5 1378 4 US-09-949-016-8115 Sequence 4.5 1478 4 US-09-949-016-8115 Sequence 4.5 1478 4 US-09-949-016-8115 Sequence 4.5 593 2 US-08-429-998-4 Sequence 4.5 593 5 PCT-US91-02321-4 Sequence 4.5 593 1 US-08-459-016-9775 Sequence 4.5 799 1 US-09-949-016-9775 Sequence 4.5 1587 4 US-09-845-583A-10 Sequence 5 1587 4 US-09-561-709B-3 Sequence

us-09-944-896-50.spdi.rai

2005
18:35
08:1
17
Sep
Sat
:

		•
Sequence 335, App Patent No. 5270178 Patent No. 5270178 Sequence 9, Appli Sequence 44, Appli Sequence 10, Appli Sequence 15, Appli Sequence 15, Appli Sequence 15, Appli Sequence 13, Appli		Sequence 1, Appli Sequence 3, Appli Sequence 3, Appli Sequence 4, Appli Sequence 5, Appli Sequence 6, Appli Sequence 6, Appli Sequence 7, Appli Sequence 7, Appli Sequence 4, Appli Sequence 4, Appli Sequence 6, Appli Patent No. 5270178 Patent No. 5270178 Patent No. 5270178 Sequence 2, Appli Sequence 32, Appl Sequence 532, Appl Sequence 532, Appl Sequence 521, Appl Sequence 521, Appl Sequence 521, Appl Sequence 521, Appl Sequence 521, Appl Sequence 521, Appl Sequence 31, Appl Sequence 521, Appl Sequence 5270178 Patent No. 5270178 Patent No. 5270178 Patent No. 5270178 Patent No. 5270178 Patent No. 5270178 Sequence 30, Appl Sequence 30, Appl Sequence 30, Appl Sequence 30, Appl Sequence 30, Appl
US-09-312-283C-335 5270178-16 5270178-16 5270178-16 0S-08-714-741-44 US-08-714-741-44 US-08-560-385A-10 US-08-317-4508-15 US-08-800-593-15 US-09-560-385A-28 US-09-560-385A-28 US-09-560-385A-28 US-09-560-385A-32 US-09-560-385A-32 US-08-317-4508-13	US-09-560-385A-26 US-09-560-385A-30 US-09-560-385A-30 US-08-722-126A-9 PCT-US95-0425B-9 US-09-48-273-1245 US-09-948-273-1245 US-09-948-273-1245 US-09-948-277 US-10-072-841A-27 US-10-072-841A-27 US-10-072-841A-27 US-09-949-116-10746 US-09-949-116-10746 US-09-144-121-2 US-09-245-041-111 US-09-893-23B-11 US-09-893-23B-11 US-09-893-23B-11 US-09-893-23B-11 US-09-667-570A-1	US-08-955-471-1 US-09-66-570A-3 US-10-182-263-1 US-10-182-263-3 US-10-182-263-5 US-10-182-263-6 US-10-182-263-6 US-10-182-263-6 US-08-756-506-2 US-08-756-506-4 5270178-13 5270178-13 5270178-14 5270178-14 5270178-15 5270178-16-5921 US-09-0949-016-5921 US-09-0949-016-5921 S22537-2 US-09-0949-016-5921 S270178-17 S270178-18 S460953-3 US-07-178-18 S460953-3 US-08-938-085A-30 US-08-938-085A-30 US-08-938-085A-30 US-08-938-085A-30 US-08-938-085A-30
		, , , , , , , , , , , , , , , , , , ,
24444	221122222222222222222222222222222222222	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
निन्नुन्नुन्नुन्नुन्नुन्नुन्नुन्नुन्नुन्		
103.5 103.5 103.5 103.5 103.5 103.5 103.5 103.5	103.5 103.5 103.3 103.3 103.3 103.3 103.5 103.5 102.5 102.5 102.5 102.5 102.5	
		6653 6653 6653 6653 6653 6653 6653 6653
	·	
	equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence equence	eduence eduenc
sednence services ser	e cuentres se control de la co	e ouenthes e sedineure e sedin
3 US-09-738-884-1 4 US-10-096-961A-1 5 Gquence 3 US-08-91-862-17 6 US-09-813-156-17 7 Sequence 4 US-09-845-17 7 Sequence 4 US-09-845-17 7 Sequence 5 US-09-945-101-17 7 Sequence 6 US-09-945-101-17 7 Sequence 7 US-09-945-118-5 8 US-08-933-7118-5 8 US-08-933-7118-5 8 US-10-006-011A-4 8 US-10-006-011A-4 8 US-10-006-011A-3 8 Sequence 6 US-09-722A-7 8 Sequence 7 US-006-011A-3	2 US-07-728-215-29 3 US-08-38-085A-29 4 US-10-072-844-29 5 Sequence 4 US-10-072-844-29 5 Sequence 4 US-10-072-841A-29 5 Sequence 4 US-10-072-841A-29 5 Sequence 4 US-09-949-016-8087 5 Sequence 5 US-08-789-078-1 5 Sequence 6 US-10-072-844-31 5 Sequence 7 US-10-072-844-31 5 Sequence 7 US-10-072-841A-31 5 Sequence 7 US-10-072-841A-31 7 US-10-072-841A-31 7 US-08-938-085A-32 7 US-09-648-3 7 US-10-072-848-3 7 US-07-072-848-3	4 US-10-072-8413-32 Sequence US-10-072-8413-32 Sequence US-00-054-272-44 Sequence US-10-012-8413-32 Sequence US-10-012-8413-32 Sequence US-00-9-949-016-5901 Sequence US-08-948-910-12 Sequence US-08-948-910-12 Sequence US-08-948-910-12 Sequence US-08-933-711B-6 Sequence US-08-933-711B-6 Sequence US-08-933-711B-6 Sequence US-08-948-913-5 Sequence US-09-940-945-94-5 Sequence US-09-940-945-94-9 Sequence US-09-940-945-94-9 Sequence US-09-940-94-9-94-9-94-9-94-9-94-9-94-9-9
3 US-09-738-884-1 Sequence 4 US-10-096-961A-1 Sequence 3 US-08-991-862-17 Sequence 4 US-09-451-156-17 Sequence 4 US-09-451-156-17 Sequence 4 US-09-943-016-9467 Sequence 5 US-09-949-016-967 Sequence 6 US-09-949-016-10882 Sequence 7 US-09-949-016-10882 Sequence 8 US-08-933-711B-5 Sequence 9 US-00-006-011A-4 Sequence 9 US-10-006-011A-3 Sequence	2 US-07-728-215-29 3 US-08-38-085A-29 4 US-10-072-844-29 5 Sequence 4 US-10-072-844-29 5 Sequence 4 US-10-072-841A-29 5 Sequence 4 US-10-072-841A-29 5 Sequence 4 US-09-949-016-8087 5 Sequence 5 US-08-789-078-1 5 Sequence 6 US-10-072-844-31 5 Sequence 7 US-10-072-844-31 5 Sequence 7 US-10-072-841A-31 5 Sequence 7 US-10-072-841A-31 7 US-10-072-841A-31 7 US-08-938-085A-32 7 US-09-648-3 7 US-10-072-848-3 7 US-07-072-848-3	US-10-072-835-32 Sequence US-10-072-841A-32 Sequence US-09-054-272-44 Sequence US-09-054-272-44 Sequence US-09-949-016-5901 Sequence US-09-949-016-5901 Sequence US-08-949-016-5901 Sequence US-08-948-917A-12 Sequence US-08-948-917A-12 Sequence US-08-948-917A-12 Sequence US-08-948-917A-12 Sequence US-08-948-917A-12 Sequence US-08-948-917A-12 Sequence US-09-540-245A-5 Sequence US-09-540-117-5-5 Sequence US-09-540-15-5 Sequence US-09-540-15-5 Sequence US-09-540-15-5 Sequence US-09-540-15-5 Sequence US-09-541-708-1 Sequence US-09-854-133-206 Sequence US-09-854-132-206 Sequence US-09-864-132-206 Sequence US-09-864-132-206 Sequence US-09-864-132-206 Sequence US-09-864-132-206 Sequence US-09-864-132-206 Sequence US-09-949-016-7247-8 Sequence US-09-949-016-7247-8 Sequence US-09-949-016-7248-8 Sequence US-09-949-016-5938 Sequence US-09-949-
3 2211 3 US-09-738-884-1 Sequence 3 2211 4 US-10-096-961A-1 Sequence 3 593 3 US-09-813-156-17 Sequence 3 593 4 US-09-813-156-17 Sequence 3 593 4 US-09-813-156-17 Sequence 3 784 4 US-09-949-016-9467 Sequence 3 786 3 US-09-949-016-9467 Sequence 3 700 4 US-09-949-016-10882 Sequence 3 700 4 US-09-949-016-10882 Sequence 3 700 4 US-09-949-016-10882 Sequence 3 700 5 4 US-10-006-011A-4 Sequence 3 700 5 4 US-10-006-011A-3 Sequence 3 700 5 4 US-10-006-011A-3 Sequence	577 2 US-07-728-215-29 Sequence 577 4 US-10-072-844-29 Sequence 757 4 US-09-949-016-6963 Sequence 758 4 US-09-949-016-8087 Sequence 769 2 US-08-752-633-1 Sequence 769 2 US-08-752-633-1 Sequence 769 2 US-08-752-633-1 Sequence 769 2 US-08-752-844-31 Sequence 769 4 US-10-072-844-31 Sequence 769 4 US-10-072-844-31 Sequence 769 4 US-10-072-841A-31 Sequence 769 4 US-10-072-841A-31 Sequence 769 5 PCT-US95-01314-4 Sequence 769 5 PCT-US95-01314-4 Sequence 769 5 US-08-948-4 Sequence 769 8 US-09-948-4 Sequence 769 8 US-09-96-96-8-3 Sequence 769 8 US-09-96-96-8-3 Sequence 769 8 US-09-96-96-8-3 Sequence 769 8 US-09-96-96-3 Sequence 769 9 US-09-96-96-3 Sequence 769 9 US-09-96-96-3 Sequence 769 9 US-09-96-96-3 Sequence 769 9 US-09-96-96-96-3 Sequence 769 9 US-09-96-96-96-3 Sequence 769 9 US-09-96-96-96-96-96-96-96-96-96-96-96-96-96	2 788 4 US-10-072-8413-32 Sequence 12 788 4 US-10-072-843-32 Sequence 12 788 4 US-10-072-8413-32 Sequence 12 788 4 US-09-054-272-44 Sequence 12 788 4 US-09-949-016-5901 Sequence 12 788 4 US-09-949-016-5901 Sequence 12 55 1 US-08-48-9373-12 Sequence 12 55 1 US-08-48-9373-12 Sequence 12 55 1 US-08-48-9373-12 Sequence 12 5 1 US-08-48-9373-12 Sequence 12 160 3 US-09-949-015-59 Sequence 12 160 3 US-09-949-015-59 Sequence 12 160 3 US-09-949-015-5 Sequence 12 160 3 US-09-949-015-5 Sequence 12 160 3 US-09-540-15-5 Sequence 12 160 3 US-09-940-15-5 Sequence 12 160 3 US-09-940-15-5 Sequence 12 160 3 US-09-940-15-5 Sequence 12 197 4 US-09-954-170-2904-54 Sequence 12 197 4 US-09-954-170-2904-54 Sequence 12 187 4 US-09-954-1172-4 Sequence 12 187 4 US-09-967-472-4 Sequence 12 188 3 US-09-111-470-8 Sequence 11 158 4 US-09-949-016-724-8 Sequence 11 1798 4 US-0
09.5 4.3 2211 3 US-09-738-884-1 Sequence 109 4.3 2211 4 US-10-096-961A-1 Sequence 109 4.3 593 3 US-08-991-862-17 Sequence 109 4.3 593 4 US-08-991-862-17 Sequence 109 4.3 593 4 US-09-813-156-17 Sequence 109 4.3 593 4 US-09-46-017 Sequence 109 4.3 784 4 US-09-949-016-9467 Sequence 109 4.3 485 4 US-09-949-016-9467 Sequence 08.5 4.3 700 4 US-09-949-016-10882 Sequence 108 4.3 705 4 US-10-006-011A-4 Sequence 108 4.3 705 4 US-10-006-011A-4 Sequence 108 4.3 705 4 US-10-006-011A-4 Sequence 108 4.3 178 4 US-09-706-722A-7 Sequence 107.5 4.3 178 4 US-09-706-722A-7 Sequence	4.3 577 2 US-07-728-215-29 Sequence 4.3 577 2 US-08-938-0968A-29 Sequence 4.3 577 4 US-10-072-844-29 Sequence 4.3 577 4 US-10-072-844-29 Sequence 4.3 577 4 US-10-072-8429 Sequence 4.3 577 4 US-10-072-8429 Sequence 4.3 757 4 US-10-949-016-8087 Sequence 4.3 758 4 US-09-949-016-8087 Sequence 4.3 759 2 US-08-789-078-1 Sequence 4.3 769 2 US-08-789-078-1 Sequence 4.3 769 2 US-08-78-078-1 Sequence 4.3 769 2 US-08-78-078-1 Sequence 4.3 769 2 US-08-78-08-31 Sequence 4.3 769 4 US-10-072-844-31 Sequence 4.3 769 5 PCT-US95-0486-1 Sequence 4.2 788 2 US-08-948-0134-4 Sequence 4.2 788 3 US-08-948-0154-4 Sequence 5.2 788 3 US-08-948-32 Sequence 5.2 788 3 US-08-948-015-8 Sequence 5.3 788 3 US-08-948-32 Sequence 5.3 788 3 US-08-949-05-68-4 Sequence 5.3 788 3 US-08-940-68-3 Sequence 5.3 788 3 US-08-940-95-68-4 Sequence 5.3 788 3 US-08-940-68-3 Sequence 5.3 788 3 US-08-94	2 788 4 US-10-072-8413-32 Sequence 12 788 4 US-10-072-8413-32 Sequence 12 788 4 US-10-072-8413-32 Sequence 12 788 4 US-09-054-272-44 Sequence 12 788 4 US-09-949-016-5901 Sequence 12 78 4 US-09-949-016-5901 Sequence 12 55 1 US-08-448-913-118-6 Sequence 12 55 1 US-08-448-9373-12 Sequence 12 55 1 US-08-448-9373-12 Sequence 12 5 1 US-08-448-9373-118-6 Sequence 12 5 1 US-08-450-944-7 Sequence 12 160 3 US-09-940-015-5 Sequence 12 160 3 US-09-940-15-5 Sequence 12 160 3 US-09-540-15-5 Sequence 12 160 3 US-09-540-16-5 Sequence 12 160 3 US-09-540-16-5 Sequence 12 160 3 US-09-540-16-5 Sequence 12 160 4 US-09-540-16-5 Sequence 12 160 4 US-09-540-16-5 Sequence 12 160 6 US-09-650-472-4 Sequence 12 160 6 US-09-845-5834-8 Sequence 11 160 6 US-09-845-5834-8 Sequence 11 160 6 US-09-949-016-5938 Sequence 11 160 6 US-09-949-016-50000

Sequence 2, Appli Sequence 37, Appl Sequence 17, Appl Sequence 17, Appl Sequence 4, Appli	Sequence 43579, A Sequence 45035, A Sequence 3, Appli	Sequence 19, Appl	Sequence 59, App. Sequence 5942, Ap	Patent No. 521/8/0 Patent No. 5217870	Sequence 7, Appli	Sequence 550, App Sequence 5. Appli	Sequence 2, Appli	Sequence 15, Appl	Sequence 2, Appli	Sequence 2, Appli	Sequence 15, Appl	Sequence 2, Appli	Sequence 6, Appli	Sequence 5. Appli	Sequence 5, Appli	Sequence 19, Appl	Sequence 19, Appl	Sequence 11467, A	Seguence 11468, A	Sequence 8274, Ap	Sequence 243, App	Sequence 5, Appli	Sequence 9, Appli	Sequence 3, Appli	Sequence 3, Appli Sequence 2, Appli	Sequence 1, Appli	Sequence 2, Appli	Sequence 2, Appli Sequence 2, Appli	Patent No. 5514582	Patent No. 5514582	Sequence 10130, A	Sequence 1, Appli	Sequence 11369, A	Segmence 11371 A	Sequence 11372, A	Sequence 11519, A	Sequence 11520, A	Seguence 9//1, Ap	Sequence 13, Appl	Sequence 13, Appl	Sequence 13, Appl	Sequence 13, Appl	Sequence 13, Appl	Patent No. 5514582	Patent No. 5514582	Sequence 18, Appl	Sequence 10, Appl	Sequence 70, Appl	Sequence 23, Appl	Sequence 23, Appl	Sequence 21, Appl	Sequence 21, Appl Sequence 18, Appl	
US-09-051-624A-2 US-08-274-661B-37 US-08-465-794-17 US-09-049-813-17 PCT-US93-10418-4		ן כן נ	וכוכ	ın un	; c;		9	<b>;</b>	9 =	90	<b>P</b>	₽;	9 6	, ;	9	₽	<b>P</b> ;	9 5	<b>5</b>	<b>-</b>	כיי	Þ	<b>P</b> :	9 5	<b>3</b>	ם נ	Pi	<b>ם</b> כ	· m	5514582-15				US-09-949-016-11	US-09-949-016-11	US-09-949-016-11	US-09-949-016-11	US-09-949-016-97	US-09-548-3/25-1	US-09-551-853D-1	US-09-548-376D-1	US-09-548-3/3D-1	US-09-548-368D-1	5514582-9									
80 3 120 1 177 2 177 3							78																														963	67.0	088	880	880		880	110									
						م م	ن من	•	•		•	•	•	•		•	•	•	•				•	•	•		•	•		•	•		•	•			6.	ن. د	, 0,	٥.	م د	ه نو	, 0	. 00	•	•	•			•	•		
0 0 0 0 0 0 0 0 0	6 6 6 6 6 6	n 01 (	א פע א פע	თ თ თ თ	66	o o	.5.	6.5	ທ່າ	. w	8.5	2.5	n. n	. u	. 2	8.5	2.5	ທ່າ	ນ ບໍ່ຕ	מיני		8.5	. s	w.	ກຸດ	. 20	8.5	ທີ່ຕ	. 60	86		. 2.	7.5	. r . r	5 7	7.5	7.5	7.5 G	. r.	7.5	7.5	٠. ر د ر	יי	97	97	76	76	97	97	26	97	97	ì
758 759 761 762							on	on c	on c	n on	50	σ, ,	on 6	n 0	1 01	· Oi	σ,	טיי כ	л о	n 0	חסח	σ.	0, 1	0, 0	ло	יטי	0,1	on o	•		C	n on	on :	n o	1 01	. 01	on ·	on c	n on	o	σ, ι	<b>J</b> O	n 0	`									
																																																					_
Sequence 30, Appl Sequence 30, Appl Sequence 6193, Ap Sequence 30, Appl Sequence 7, Appli	Patent No. 5256770 Patent No. 5256770	Sequence 1169, Ap	Sequence 8170, Ap Sequence 3, Appli	Sequence 9, Appli Sequence 1, Appli	Sequence 1, Appli	Sequence 4, Appli	Sequence 1403, Ap	Sequence 22, Appl	Sequence 55, Appl	Sequence 22, Appl Sequence 55, Appl	Sequence 22, Appl	Sequence 55, Appl	Sequence 22, Appl	Semiance 33, Appl	Sequence 55. Appl	Sequence 22, Appl	Sequence 55, Appl	Sequence 22, Appl	Sequence 3, Appli	Sequence 1, Appli	Sequence 1, Applia	Sequence 1, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 10, Appl	Sequence 10, Appl	Sequence 121, App	Sequence 10131. A	Sequence 9626, Ap	Sequence 8, Appli	Sequence o, Appli Sequence 8. Appli	Sequence 2, Appli	Sequence 2, Appli	Semience 6, Appli	Sequence 6, Appli	Sequence 86, Appl	Sequence 15, Appl	Sequence 15, Appl	Sequence 18, Appl	Sequence 19, Appl	Sequence 19, Appl	Sequence 13, Appl	Sequence 12, Appl	Sequence 10, Appl	Sequence 10, Appl	Sequence 112, App	Sequence 112, App	Sequence 119, App	Sequence 115, App	Sequence 115, App	Sequence 2, Appli	rrddw 'e pomanhae
Sequence Sequence Sequence Sequence Sequence	Patent No Patent No	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Seguence	Sequence	Sequence	Seguence	Sequence	Seguence	Semience	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Semence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	eduence Semience	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	sednence
4 US-10-072-841A-30 Sequence 4 US-10-219-631A-30 Sequence 4 US-09-949-015-6193 Sequence 4 US-09-086-436-30 Sequence 4 US-09-257-583-7 Sequence	6 5256770-7 Patent No 6 5256770-7 Patent No 7 FFG-040-716-7017 Security	4 US-09-949-016-8169 Sequence	4 US-09-949-016-8170 Sequence 3 US-08-900-230-3 Sequence	3 US-08-718-388-9 Sequence 2 US-08-884-072-1 Sequence	3 US-09-212-168-1 Sequence	4 US-09-409-096-4 Sequence	4 US-08-933-711B-16 Sequence	3 US-09-183-861-22 Sequence	3 US-09-183-861-55 Sequence	3 US-09-022-765-22 Sequence 3 US-09-022-765-55 Sequence	4 US-09-551-974A-22 Sequence	4 US-09-551-974A-55 Sequence	4 US-09-565-501A-22 Sequence	4 US-03-303-301M-33 Sequence	4 US-09-639-206A-55 Sequence	4 US-09-874-923-22 Sequence	4 US-09-874-923-55 Sequence	4 US-08-798-841-22 Sequence	1 US-08-282-141-3 Sequence	1 US-08-435-434-1 Sequence	1 02-08-433-438-1 Sequence	2 US-08-438-864-1 Sequence	3 US-08-438-862-1 Sequence	3 US-08-628-747-1 Sequence	3 US-08-402-253-1 Sequence	3 US-08-443-8885-1 Sequence	3 US-09-375-419-10 Sequence	4 US-09-874-923-121 Sequence	4 US-09-949-016-10131 Sequence	4 US-09-949-016-9626 Sequence	3 US-09-052-469-8 Sequence	4 US-08-422-582-8 Sequence 4 US-09-052-262-8 Sequence	2 US-08-460-751-2 Sequence	4 US-09-479-467A-2 Seguence	3 US=03=03=03=433=6 4 TR=08=423=582=6	4 US-09-052-262-6 Sequence	4 US-10-142-231-86 Sequence	2 US-08-460-309-15 Sequence	2 US-U8-125-U//-15 sequence 3 H3-U8-772-440-2 Semience	4 US-08-933-711B-18 Sequence	3 US-09-245-041-19 Sequence	4 US-09-358-055B-19 Sequence	4 US-UY-843-258-14 Sequence	3 US-09-191-647-10 Sequence	3 US-09-540-245A-10 Sequence	3 US-09-540-153-10 Sequence	4 US-09-004-730A-112 Sequence	4 US-U8-981-/99A-112 Sequence	4 US-08-981-799A-119 Sequence	4 US-09-004-730A-115 Sequence	4 US-08-981-799A-115 Sequence	2 US-08-276-967-2 Sequence	3 US-08-663-191A-3 sequence
1 798 4 US-10-072-841A-30 Sequence 1 798 4 US-10-219-631A-30 Sequence 1 798 4 US-09-949-016-6193 Sequence 1 2732 4 US-09-086-436-30 Sequence 156 4 US-09-257-583-7 Sequence	.0 572 6 5256770-7 Patent No .0 572 6 5256770-7 Patent No .0 572 6 5256770-7 Patent No	.0 790 4 US-09-949-016-8169 Sequence	790 4 US-09-949-016-8170 Sequence 1417 3 US-08-900-230-3 Sequence	5405 3 US-08-718-388-9 Sequence 448 2 US-08-884-072-1 Sequence	448 3 US-09-212-168-1 Sequence	504 4 US-09-409-096-4 Sequence	663 4 US-08-933-711B-16 Sequence	320 3 US-09-183-861-22 Sequence	320 3 US-09-183-861-55 Sequence	320 3 US-09-022-765-22 Sequence	320 4 US-09-551-974A-22 Sequence	320 4 US-09-551-974A-55 Sequence	320 4 US-09-565-501A-22 Sequence	320 4 US-09-303-301M-33 Sequence	320 4 US-09-539-206A-55 Sequence	320 4 US-09-874-923-22 Sequence	320 4 US-09-874-923-55 Sequence	320 4 US-08-798-841-22 Sequence	673 1 US-08-282-141-3 Sequence	673 1 US-08-435-434-1 Sequence	673 2 IIS-08-438-438-1 Sequence	673 2 US-08-438-864-1 Sequence	673 3 US-08-438-862-1 Sequence	673 3 US-08-628-747-1 Sequence	673 3 US-08-402-253-1 Sequence	675 3 US-08-630-172-10 Sequence	676 3 US-09-375-419-10 Sequence	709 4 US-09-874-923-121 Sequence	70 4 US-09-949-016-10131 Segmence	1106 4 US-09-949-016-9626 Sequence	4302 3 US-09-052-469-8 Sequence	4302 4 08-08-422-582-8 Sequence	4303 2 US-08-460-751-2 Sequence	4303 4 US-09-479-467A-2 Sequence	4339 3 03*03*-433-6 3-433-6 36446mce	4339 4 US-09-052-262-6 Sequence	1461 4 US-10-142-231-86 Sequence	243 2 US-08-460-309-15 Sequence	243 Z US-08-125-0//-15 Sequence	592 4 US-08-933-711B-18 Sequence	871 3 US-09-245-041-19 Sequence	.0 871 4 US-09-358-0558-19 Sequence	.0 8/1 4 US-US-255-256-19 Sequence	.0 1574 3 US-09-360-363A-12 Sequence	.9 154 3 US-09-540-245A-10 Sequence	.9 154 3 US-09-540-153-10 Sequence	.9 238 4 US-09-004-730A-112 Sequence	. y 238 4 US-US-VS-X-III o 272 4 TIS-US-US-7301-110 Sequence	.9 242 4 US-08-981-799A-119 Sequence	.9 264 4 US-09-004-730A-115 Sequence	.9 264 4 US-08-981-799A-115 Sequence	.9 2476 2 US-08-276-967-2 Sequence	.9 80 3 US-08-663-191A-3 sequence
1 798 4 US-10-072-841A-30 Sequence 1 798 4 US-10-219-631A-30 Sequence 1 738 4 US-09-949-016-6133 Sequence 1 2732 4 US-09-986-436-30 Sequence 1 2732 4 US-09-257-583-7 Sequence	4.0 572 6 5256770-7 Patent No 4.0 572 6 5256770-7 Patent No 1.0 572 6 5256770-7 Patent No 4.0 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 6 572 771 771 771 771 771 771 771 771 771 7	4.0 790 4 US-09-949-016-101/ Sequence	4.0 790 4 US-09-949-016-8170 Sequence 4.0 1417 3 US-08-900-230-3 Sequence	102 4.0 5405 3 US-08-718-388-9 Sequence	4.0 448 3 US-09-212-168-1 Sequence	01.5 4.0 448 4 US-09-409-096-4 Sequence	01.5 4.0 663 4 US-08-933-711B-16 Sequence	4.0 320 3 US-09-183-861-22 Sequence	4.0 320 3 US-09-183-861-55 Sequence	4.0 320 3 US-09-022-765-22 Sequence 4.0 320 3 US-09-022-765-55 Sequence	4.0 320 4 US-09-551-974A-22 Sequence	4.0 320 4 US-09-551-974A-55 Sequence	4.0 320 4 US-09-565-501A-22 Sequence	4.0 520 4 US-US-303-301A-33 Sequence	4.0 320 4 US-09-639-2068-55 Sequence	4.0 320 4 US-09-874-923-22 Sequence	4.0 320 4 US-09-874-923-55 Sequence	4.0 320 4 US-08-798-841-22 Sequence	4.0 673 1 US-08-282-141-3 Sequence	4.0 673 I US-08-435-434-I Sequence	4.0 6/3 I US-08-438-456-1 Sequence	4.0 673 2 US-08-438-864-1 Sequence	4.0 673 3 US-08-438-862-1 Sequence	4.0 673 3 US-08-628-747-1 Sequence	4.0 673 3 US-08-402-253-1 Sequence	4.0 676 3 US-08-630-172-10 Sequence	4.0 676 3 US-09-375-419-10 Sequence	4.0 709 4 US-09-874-923-121 Sequence	4.0 4.0 970 4 US-09-949-016-10131 Sequence	4.0 1106 4 US-09-949-016-9626 Sequence	4.0 4302 3 US-09-052-469-8 Sequence	4.0 4302 4 US-06-422-582-8 Sequence	4.0 4303 2 US-08-460-751-2 Sequence	4.0 4303 4 US-09-479-467A-2 Seguence	4.0 4339 3 US-US-USZ-463-6 Sequence	4.0 4339 4 US-09-052-262-6 Sequence	4.0 1461 4 US-10-142-231-86 Sequence	4.0 243 2 US-08-460-309-15 Seguence	4.0 243 2 US-US-125-U//-15 Sequence	4.0 592 4 US-08-933-711B-18 Sequence	4.0 871 3 US-09-245-041-19 Sequence	4.0 871 4 US-09-358-055B-19 Sequence	4.0 6/1 4 US-US-833-238-19 Sequence	3.9 154 3 US-09-191-647-10 Sequence	3.9 154 3 US-09-540-245A-10 Sequence	3.9 154 3 US-09-540-153-10 Sequence	3.9 238 4 US-09-004-730A-112 Sequence	3.9 238 4 US-U8-981-/99A-112 Sequence	3.9 242 4 US-08-981-799A-119 Sequence	3.9 264 4 US-09-004-730A-115 Sequence	3.9 264 4 US-08-981-799A-115 Sequence	3.9 2476 2 US-08-276-967-2 Sequence	3.9 80 3 US-08-663-191A-3 Sequence

Sequence 33, Appl Sequence 33, Appl Sequence 33, Appl Sequence 10793, A Sequence 6215, Ap	12,	e 17	4.4	equence 4, equence 33	33	, c, c	~ @	9 9 9	η.	58	η.	'n	- "	14	33	~ @	4.	<b>,</b>	58.5	2 2	56	ω _κ	25	9 6	518	٠. '	Sequence 3, Appli Sequence 3, Appli	-		1	10	Sequence 15, Appi Sequence 3, Appli	'n	Sequence 13, Appl	13	18	16	Sequence 12, Appl Sequence 14, Appl	4	6 4	e 16	e 16	Sequence 14, Appl	9	i ao	Sequence 2, Appli
US-10-072-838-33 US-10-072-841A-33 US-10-215-631A-33 US-09-902-540-11793 US-09-949-016-6215 US-09-538-092-72	US-08-718-388-7 US-09-538-092-1258 US-09-902-540-15333	460-309-17	US-08-999-811-4 US-08-824-996-2	US-09-042-105-4 US-08-510-133A-33	US-08-585-895-33	US-08-999-811-2	US-U9-U4Z-1U5-Z US-09-04Z-105-18	US-08-795-430-8	355-700-8	US-09-355-700-58	US-08-601-132-33 US-08-706-054A-3	US-09-313-299-3	US-08-465-968-2	438-046-14	US-09-631-092B-33	US-10-084-488-2 US-10-084-488-18	375-248-4	US-09-468-647A-108 US-09-534-376A-8	US-09-534-376A-58	US-09-169-079-21 TIS-09-214-982-29	PCT-US96-09001-2	US-08-162-402B-8 IIS-09-914-259-35	976-594-278	949-016-	186-9	5189019-6	US-08-401-530A-3 US-08-709-662-3	US-08-450-482B-115	US-08-480-229C-14	49-016-10	US-09-949-016-10341	40-539A-1 06-722A-3	US-10-006-011A-5	US-09-245-041-13	93-238-13	52-991A-1	60-385A-1	US-09-561-709B-12 TIS-09-560-3858-14	8-144-121-4	US-08-735-893-4	US-09-562-702A-16	US-09-561-818A-16	7-70	-09-561-709B-	-09-538-092	-08-742-877-
846 846 910 910 956 44 956 44 956												-						419 419 4	-	•			•	•	507 4 136 6	-		•		•	•		•	• • •		•	•	•	96	1196 2		1765 4	1786 4	1786 4	1786 4	461 3
	من من من		œ. æ.	œ, æ,		ه ده د					œ «		œ. ه	. æ	æ .			ဆ္ဆ	œ.	œ. «		æ. a	့ထ	æ. (	۰. ن <del>ه</del>			.7	٠. د	: -:	.7			۲.		.7	.7	Ċ٠		.7.	3.7	7.0			3.7	•
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		95	95 95	9 0 0		, G, G	9 9 9	, e, e	ν φ υ π	95	95 5	95	92	9 y 2 y	95	ა ი ი ი	95	9 9 9 9	95	95 8. 8	95	9 5 7	95	95	95 94.5	94.5	7.40 7.7	94.5	94.5	94.5	94.5	94	94	94	y 0 4 4	8	94	40 0	r 6	. 4	94	40.0	94 0	6 4 4	40	93.5
9004 9005 9007 9008	910 911	913 914	915 916	917 918	919	921	922 923	924	926	927	928	930	931	933	934	936	937	828 636	940	941	943	944	946	947																					975	٠
Sequence 18, Appl Sequence 2, Appli Sequence 7, Appli Sequence 78, Appl Sequence 44, Appl	42,	4589 5, A	ro ro	50.00	9	Sequence 186, App	590,	900	55	25	25	25	22	'n	8	21	Sequence 11366, A	33	Sequence 6, Appli	'n,	, 8 6	Patent No. 5447911	Sequence 13	ri.	Sequence 2, Appli Sequence 18, Appl	34	4 E	34	34	Sequence 34, Appl Sequence 34, Appl	Sequence 34, Appl	Sequence 34, Appl	Sequence 20, Appl	Sequence 18, Appl	Sequence 18, Appl Sequence 8985, Ap	Patent No. 5514582	Patent No. 5514582	Sequence 10, Appl	Sequence 6, Appli	Ge 31.	ce 20,	ce 20,	9 G	7 e	ce 33,	ce 3
Sequence 18, Sequence 2, A Sequence 7, A Sequence 78, Sequence 44, Sequence 44,	Sequence 42, Sequence 42,	Sequence 4	Sequence 5	Sequence 5	Sequence	Sequence 186,	Sequence 590,	Seguence 59	Sequence 59	Sequence 25	Sequence 25	Sequence 25	Sequence 25	Sequence 2, Sequence 2,	Sequence 8,	Sequence 10 Sequence 11	Sequence	Sequence 11.	Sequence 6,	Sequence 2,	Sequence 3,	Patent No. 544	Sequence 13	Sequence 2,	Sequence 2, Sequence 18	Sequence 34	Sequence 34	Sequence 34	Sequence 34	Segue	Sedne	Seque	Seque	Seque	Segue	Patent	Patent	Sedne	Seque	Seguence 31.	Sequence 20,	Sequence 20,	Sequence 1,	Sequence 1,	Sequence 33,	Sequence 33,
2 US-08-976-838-18 Sequence 18, 3 US-09-214-555B-2 Sequence 2, A 3 US-09-214-555B-7 Sequence 77, A 4 US-09-578-063-78 Sequence 78, 4 US-09-060-299-44 Sequence 44, 4 US-09-402-923A-44 Sequence 44,	4 US-09-060-299-42 Sequence 42, 4 US-09-40-292A-42 Sequence 42, 3 US-09-40-36AA-13 Sequence 13,	4 US-09-270-767-45893 Sequence 4 2 US-08-688-342-5 Sequence 5	2 US-09-113-788-5 Sequence 5 3 US-09-111-470-5 Sequence 5	4 US-09-862-802A-5 Sequence 5 4 US-09-489-847-293 Sequence 2	4 US-09-949-016-9962 Sequence 9	4 US-09-512-283C-186 Sequence 186, 4 US-09-636-215-590 Sequence 590,	4 US-09-685-166A-590 Sequence 590, 4 HS-09-679-426-590 Sequence 590.	4 US-09-07-9-143-590 Sequence 59	4 US-09-651-236-590 Sequence 59	3 US-09-055-699-25 Sequence 25	3 US-09-273-565-25 Sequence 25	3 US-09-661-468-25 Sequence 25	4 US-09-976-165-25 Sequence 25	4 US-09-227-853A-2 Sequence 2, 5 PCT-US95-06385-2	4 US-08-933-711B-8 Sequence 8,	1 US-08-220-603A-10 Sequence 10 4 US-09-949-016-11365 Sequence 11	4 US-09-949-016-11366 Sequence	4 US-09-949-016-11367 Sequence 11: 4 US-09-949-016-11368 Sequence 11:	4 US-09-463-048A-6 Sequence 6,	4 US-09-060-854B-2 Sequence 2,	4 US-09-529-904-3 Sequence 3, 4 US-09-949-016-8450 Sequence 84!	6 5447911-1 Patent No. 544	8 544/911-1 3 US-08-772-440-13 Sequence 13	3 US-09-111-470-2 Sequence 2,	4 US-09-862-802A-2 Sequence 2, 3 US-09-422-869-18 Sequence 18	4 US-09-907-794A-34 Sequence 34	4 US-09-905-125A-34 Sequence 34 4 HS-09-902-775A-34 Semience 34	4 US-09-906-700-34 Sequence 34	4 US-09-903-603A-34 Sequence 34	4 US-09-904-92UA-34 seque: 4 US-09-909-064-34 Secue	4 US-09-905-381A-34 Seque	4 US-09-906-618-34 Seque:	4 US-09-561-818A-20 Seque	4 US-09-562-702A-18 Seque	4 US-09-561-818A-18 4 US-09-949-016-8985 Seque	6 5514582-19 Patent	6 5514582-19 Patent	3 US-08-772-440-10 Seque	3 US-U9-U11-735-6 Seque:	3 US-08-772-440-31 Segmence 31.	3 US-09-383-586-20 Sequence 20,	4 US-09-823-038A-20 Sequence 20,	3 US-09-011-735-1 Sequence 1,	3 US-UY-UZY-IS6-I Sequence 1,	3 US-08-938-085A-33 Sequence 33,	4 US-10-072-844-33 Sequence 33,
.8 915 2 US-08-976-838-18 Sequence 18, .8 915 3 US-09-214-5558-2 Sequence 2, A .8 915 3 US-09-214-5558-7 Sequence 7, A .8 1436 4 US-09-578-063-78 Sequence 78, .8 1586 4 US-09-060-299-44 Sequence 44, .8 1586 4 US-09-402-923A-44 Sequence 44,	.8 1614 4 US-09-060-299-42 Sequence 42, .8 1614 4 US-09-4602-223A-42 Sequence 42, .8 18R2 3 IIS-09-369-3642-13 Sequence 13.	.8 247 4 US-09-270-767-45893 Sequence 4: .8 291 2 US-08-688-342-5 Sequence 5	.8 291 2 US-09-113-788-5 Sequence 5 .8 291 3 US-09-111-470-5 Sequence 5	.8 291 4 US-09-862-802A-5 Sequence 5	8 311 4 US-09-949-016-9962 Sequence 9	.8 347 4 US-09-536-215-590 Sequence 186,	.8 347 4 US-09-685-166A-590 Sequence 590,	347 4 US-09-759-143-590 Sequence 59	.8 347 4 US-09-651-236-590 Sequence 59	.8 374 3 US-09-055-699-25 Sequence 25	.8 374 3 US-09-273-565-25 Sequence 25	.8 374 3 US-09-661-468-25 Sequence 25	.8 374 4 US-09-976-165-25 Sequence 25	.8 374 4 US-09-227-853A-2 Sequence 2, .8 374 5 PCT-US95-06385-2 Sequence 2,	.8 482 4 US-08-933-711B-8 Sequence 8,	.8 505 1 US-08-220-603A-10 Sequence 10	.8 657 4 US-09-949-016-11366 Sequence	.8 657 4 US-09-949-016-11367 Sequence 11: 8 657 4 US-09-949-016-11368 Sequence 11:	.8 1388 4 US-09-463-048A-6 Sequence 6,	.8 1497 4 US-09-060-854B-2 Sequence 2,	.8 162/ 4 US-09-529-904-3 .8 1621 4 US-09-949-016-8450 Sequence 84	.8 120 6 5447911-1 Patent No. 544	.8 120 6 544/911-1 .8 199 3 US-08-772-440-13 Sequence 13	.8 237 3 US-09-111-470-2 Sequence 2,	.8 237 4 US-09-862-802A-2 Sequence 2, .8 666 3 US-09-422-869-18 Sequence 18	.8 915 4 US-09-907-794A-34 Sequence 34	.8 915 4 US-09-905-125A-34 Sequence 34 R 4 US-09-905-125A-34 Sequence 34	.8 915 4 US-09-906-700-34 Sequence 34	.8 915 4 US-09-903-603A-34 Sequence 34	.8 915 4 US-09-904-920A-34 Seque:	.8 915 4 US-09-905-381A-34 Seque	.8 915 4 US-09-906-618-34 Seque:	.8 1725 4 US-09-561-818A-20 Seque	.8 1786 4 US-09-562-702A-18 Seque	.8 2362 4 US-09-949-016-8985 Seque	.8 123 6 5514582-19 Patent	.8 123 6 5514582-19 Patent	.8 126 3 US-08-772-440-10 Seque	.8 161 3 US-U9-U11-735-6 Seque:	.8 1/6 3 US-US-1/2-440-8 Sequence 31.	.8 317 3 US-09-383-586-20 Sequence 20,	.8 317 4 US-09-823-038A-20 Sequence 20,	.8 351 3 US-09-011-735-1 Sequence 1,	.8 351 3 US-UY-UZY-IS6-I Sequence 1, 9 846 2 HS-N7-738-215-33 Sequence 33.	.8 846 3 US-08-938-085A-33 Sequence 33,	.8 846 4 US-10-072-844-33 Sequence 33,
8 915 2 US-08-976-838-18 Sequence 18, 8 915 3 US-09-214-555B-2 Sequence 2, A 8 915 3 US-09-214-555B-7 Sequence 7, A 8 1436 4 US-09-060-299-44 Sequence 78, 8 1586 4 US-09-402-923A-44 Sequence 44,	3.8 1614 4 US-09-060-299-42 Sequence 42, 3.8 1614 4 US-09-4602-923A-42 Sequence 42, 3.8 1682 3 US-09-469-369-369-38	3.8 247 4 US-09-270-767-45893 Sequence 4 3.8 291 2 US-08-688-342-5 Sequence 5	3.8 291 2 US-09-113-788-5 Sequence 5 3.8 291 3 US-09-111-470-5 Sequence 5	3.8 291 4 US-09-862-802A-5 Sequence 5	3.8 311 4 US-09-949-016-9962 Sequence 9	3.8 347 4 US-09-636-215-590 Sequence 186,	3.8 347 4 US-09-685-166A-590 Sequence 590,	3.8 347 4 US-03-07-143-590 Sequence 59	3.8 347 4 US-09-651-236-590 Sequence 59	3.8 374 3 US-09-055-699-25 Sequence 25	3.8 374 3 US-09-273-565-25 Sequence 25	3.8 374 3 US-09-661-468-25 Sequence 25	3.8 374 4 US-09-976-165-25 Sequence 25	3.8 374 4 US-09-2Z7-853A-Z Sequence Z, 3.8 374 5 PCT-US95-06385-2 Sequence Z,	3.8 482 4 US-08-933-711B-8 Sequence 8,	3.8 505 1 US-08-220-603A-10 Sequence 10	3.8 657 4 US-09-949-016-11366 Sequence	3.8 657 4 US-09-949-016-11367 Sequence 11:	3.8 1388 4 US-09-463-048A-6 Sequence 6,	3.8 1497 4 US-09-060-854B-2 Sequence 2,	3.8 149/ 4 US-09-529-904-3 3.8 1621 4 US-09-949-016-8450 Sequence 84	3.8 120 6 5447911-1 Patent No. 544	3.8 120 6 544/911-1 3.8 199 3 US-08-772-440-13 Sequence 13	3.8 237 3 US-09-111-470-2 Sequence 2,	3.8 237 4 US-09-862-802A-2 Sequence 2, 3.8 666 3 US-09-422-869-18 Sequence 18	3.8 915 4 US-09-907-794A-34 Sequence 34	3.8 915 4 US-09-905-125A-34 Sequence 34	3.8 915 4 US-09-906-700-34 Sequence 34	3.8 915 4 US-09-903-603A-34 Sequence 34	3.8 915 4 US-09-904-920A-34 seque: 3.8 915 4 US-09-909-064-34 Secue	3.8 915 4 US-09-905-381A-34 Seque	3.8 915 4 US-09-906-618-34 Seque:	3.8 1725 4 US-09-561-818A-20 Seque	3.8 1786 4 US-09-562-702A-18 Seque	3.8 1786 4 US-US-561-818A-18 Seque	3.8 123 6 5514582-19 Patent	3.8 123 6 5514582-19 Patent	3.8 126 3 US-08-772-440-10 Seque	3.8 161 3 US-U9-U11-735-6 Seque:	3.8 1/6 3 US-US-7/2-440-8 Sequence 3.1.	3.8 317 3 US-09-383-586-20 Sequence 20,	3.8 317 4 US-09-823-038A-20 Sequence 20,	3.8 351 3 US-09-011-735-1 Sequence 1,	3.8 351 3 US-UY-UZY-IS6-1 Sequence 1,	3.8 846 3 US-08-938-085A-33 Sequence 33,	3.8 846 4 US-10-072-844-33 Sequence 33,

	ednence ednence ednence ednence ednence ednence	Sequence 15175, A Sequence 15175, A Sequence 10527, A Sequence 10527, A Sequence 13, Appl Sequence 13, Appl Sequence 13, Appl Sequence 3, Appli Sequence 3, Appli Sequence 3, Appli	equence 2 equence 2 equence 1 equence 2 equence 2 equence 2 equence 2		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		US-1U-U06-U114-7 US-09-902-540-15175 US-09-999-016-10527 US-09-949-016-10527 US-08-795-430-13 US-08-355-700-13 US-09-534-376A-13 US-08-673-799-5	US-09-560-385A-24 US-09-560-385A-20 US-09-919-172-16 US-09-560-385A-12 US-09-560-385A-18 US-09-577-67-3 US-09-334-220-2 US-09-531-056A-22 US-09-471-371-2 US-10-136-227A-28 US-00-471-371-2	08-325-071.65 08-461-004A-6 -08-652-877-12 -09-902-540-15 -08-327-832-5 -08-828-584-5 -10-006-011A-8 -10-006-011A-9 -09-006-011A-9 -09-006-011A-9	US-09-949-016-9074 US-09-949-016-11512 US-09-548-797B-4 US-09-548-797B-4 US-09-632-098-2 US-09-632-098-4 US-10-177-308-4 US-09-632-098-4 US-09-548-797B-6 US-09-548-797B-6 US-09-548-797B-6 US-09-548-797B-6 US-09-548-797B-6 US-09-595-083-1 US-09-429-516-1 US-09-429-516-1 US-09-429-516-37 US-09-429-516-37 US-09-429-511-18 US-09-436-063C-7 US-09-632-063C-7
180 4 252 243 192 243 380 388 4 4415 1 4415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415 2 2415		2 2 3 3 4 4 4 1 1 8 3 3 4 4 4 4 1 8 9 9 9 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5	11155 11167 11167 11172 11186 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6620 6620 6620 6620 6620 6620 6620 6620	3357 5550 564 564 565 565 565 565 565 565
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			•	
91.5 91.5 91.5 91.5 91.5 91.5		7 2 2 2 2 2 2 2 2 2 2	90.55 90.55 90.55 90.55		8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
1050 1051 1052 1053 1054 1055 1056 1056 1059	1060 1061 1063 1064 1065	1067 1068 1068 1070 1072 1073	1076 1077 1078 1078 1081 1081 1084 1085	1088 1088 1089 1091 1092 1093 1096 1096	1099 1100 1100 1100 1100 1100 1100 1110 1111 1111 1111 1111 1111 1111 1111 1111
Sequence 10, Appl Sequence 10, Appl Sequence 6, Appli Sequence 6, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 6, Appli	10 36666	Sequence 5, Appl. Sequence 1, Appl. Sequence 84, Appl. Sequence 86, Appl. Sequence 88, Appl. Sequence 90, Appl. Sequence 90, Appl.	10444444444444444444444444444444444444	6 15 5 2 10 2 8 2 13 3 1	Sequence 10169, A Sequence 4, Appli Sequence 4, Appli Sequence 4, Appli Sequence 4, Appli Sequence 15, Appli Sequence 15, Appli Sequence 20, Appli Sequence 20, Appli Sequence 2, Appli Sequence 6, Appli Sequence 19, Appli Sequence 59, Appli
Sequence 10, App Sequence 10, App Sequence 6, Appl Sequence 6, Appl Sequence 2, Appl Sequence 2, Appl Sequence 2, Appl Sequence 2, Appl Sequence 2, Appl Sequence 2, Appl Sequence 6, Appl	Sequence 2, Sequence 2, Sequence 2, Sequence 2, Sequence 13	Sequence 5, Sequence 1, Sequence 84 Sequence 86 Sequence 86 Sequence 90 Sequence 90	Sequence 24, Sequence 2, Sequence 2, Sequence 2, Sequence 2, Sequence 3, Sequence 3, Sequence 3, Sequence 3, Sequence 3, Sequence 3, Sequence 2, Seque	Sequence Sequence Sequence Sequence Sequence Sequence Sequence Patent No. Patent No. Sequence	0 , , , , , , , , , , , , , , , , , , ,
3 US-08-482-677-10 Sequence 10, App 4 US-10-033-174-10 Sequence 10, App 12 US-068-648-6 Sequence 6, App 12 US-08-429-998-6 Sequence 6, App 13 US-08-431-33-6 Sequence 6, App 14 US-09-813-156-2 Sequence 2, App 14 US-09-813-156-2 Sequence 2, App 14 US-09-456-886-2 Sequence 2, App 15 US-09-456-886-2 Sequence 2, App 16 US-09-456-886-2 Sequence 2, App 16 US-09-456-886-2 Sequence 2, App 16 US-09-2321-6 Sequence 6, App 17 US-09-456-886-2 Sequence 6, App 18 US-09-466-886-2 Sequence 6, App 18 US-09-466-886-2 Se	1 US-08-296-014A-2 Sequence 2, US-08-596-0405-2 Sequence 2, US-08-877-560-2 Sequence 2, 4 US-09-561-709B-13 Sequence 2, 4 US-09-561-709B-13 Sequence 2, US-09-561-709B-13 Sequence 2, US-09-627-650B-5 Sequence 5, US-09-62	4 US-09-435-0527-5 Sequence 5, 08-09-435-0527-5 Sequence 1, 08-09-347-515A-84 Sequence 1, 08-08-652-877-84 Sequence 84 Sequence 84 Sequence 86 Sequence 96 US-08-652-877-80 Sequence 96 US-08-652-877-90 Sequence 96 Sequence	3 US-08-543-246B-9 3 US-08-543-246B-9 3 US-08-543-246B-24 5 US-08-642-998-2 2 US-08-431-333-2 5 PCT-US91-02321-2 5 PCT-US91-02321-2 5 PCT-098-2 6 US-09-560-385A-34 6 US-09-560-385A-34 7 US-09-560-385A-34 7 US-09-560-385A-34 7 US-09-560-385A-34 7 US-09-101-647-13 7 US-09-101-648-14	3 US-09-540-245A-13 Sequence 3 US-09-540-153-13 Sequence 4 US-09-522-991A-1735B Sequence 1 US-08-152-019A-28 Sequence 4 US-09-118-748-2 Sequence 4 US-09-774-639-108 Sequence 3 US-09-774-639-108 Sequence 4 US-10-133-907-5 Sequence 6 5521070-2 Patent No. 6 5521070-2 Patent No. 7 US-09-949-016-11123 Sequence 1 US-08-454-455-6 Sequence	4 US-09-949-016-10169 Sequence 10 1 US-08-296-014A-4 Sequence 4, 2 US-08-877-620-4 Sequence 4, 4 US-09-287-368-4 Sequence 4, 1 US-08-340-539A-15 Sequence 4, 1 US-08-340-539A-15 Sequence 11 1 US-08-340-539A-15 Sequence 11 1 US-08-460-309-20 Sequence 20, 2 US-08-460-309-20 Sequence 20, 2 US-08-401-530A-2 Sequence 20, 2 US-08-401-530A-2 Sequence 20, 2 US-08-401-530A-2 Sequence 20, 4 US-09-312-283C-381 Sequence 20, 4 US-09-636-077A-19 Sequence 119, 4 US-09-636-077A-19 Sequence 119, 4 US-09-636-060C-19 Sequence 119, 4 US-09-636-596C-19 Sequence 119, 4 US-09-636-596C-19 Sequence 119, 4 US-10-023-894-20 Sequence 119, 4 US-10-03-86-552-19 Sequence 119, 4 US-10-03-894-20 Sequence 119, 4 US-10-03-894-20 Sequence 119, 4 US-10-03-894-20 Sequence 119, 4 US-08-560-098A-59 Sequence 15, 5 US-08-560-098A-59 Sequence 15, 6 US-10-03-86-552-19 Sequence 15, 6 US-10-03-86-552-19 Sequence 15, 6 US-10-03-86-552-19 Sequence 15, 6 US-10-03-86-552-19 Sequence 15, 6 US-10-03-80-90-90-90-90-90-90-90-90-90-90-90-90-90
.7         580         3         US-08-482-677-10         Sequence 10, App           .7         580         4         US-10-033-174-10         Sequence 10, App           .7         589         2         US-08-429-998-6         Sequence 6, Appl           .7         589         2         US-08-431-33-6         Sequence 6, Appl           .7         589         3         US-08-91-86-2         Sequence 6, Appl           .7         589         4         US-09-91-86-2         Sequence 2, Appl           .7         589         4         US-09-813-156-2         Sequence 2, Appl           .7         589         4         US-09-456-886-2         Sequence 2, Appl           .7         589         4         US-09-456-886-2         Sequence 2, Appl           .7         589         4         US-09-456-886-2         Sequence 2, Appl           .7         589         5         PCT-US91-02321-6         Sequence 6, Appl	7 1083 1 US-08-296-014A-2 Sequence 2, 7 1083 2 US-08-596-405-2 Sequence 2, 7 1083 2 US-08-877-620-2 Sequence 2, 7 1083 4 US-09-287-368-2 Sequence 2, 7 1083 4 US-09-287-368-2 Sequence 2, 7 1083 4 US-09-562-7098-13 Sequence 1, 7 1347 4 US-09-627-6508-5 Sequence 5, 7 1317 4 US-09-627-6508-5	7 1917 4 US-09-436-063C-5 Sequence 5, 7 4654 3 US-09-381-261A-1 Sequence 1, 7 4655 3 US-08-476-515A-84 Sequence 84, 7 4655 3 US-08-652-877-86 Sequence 86, 7 4655 3 US-08-652-877-86 Sequence 86, 7 4655 3 US-08-652-877-86 Sequence 96, 7 4655 3 US-08-652-877-90 Sequence 96, 7 120 1 US-08-523-671-50 Sequence 36, 7 120 US-08-523-67	7 216 3 US-08-543-2468-9 Sequence 24, 216 3 US-08-543-2468-9 Sequence 24, 216 3 US-08-543-2468-9 Sequence 24, 216 3 US-08-68-648-2 Sequence 2, 216 3 US-08-429-998-2 Sequence 2, 216 2 US-08-431-33-2 Sequence 2, 217 17 14 US-09-560-385A-34 Sequence 34, 2192 4 US-09-560-385A-34 Sequence 34, 2192 4 US-09-560-385A-34 Sequence 34, 210 2 US-08-347-243A-2 Sequence 2, 215-08-347-243A-2 Sequence 2, 215-08-347-243A-2 Sequence 2, 216-08-2417-243A-2 Sequence 2, 216-08-2417-2417-2417-2417-2417-2417-2417-2417	7 104 3 US-09-540-2454-13 Sequence 7 104 3 US-09-540-13-13 Sequence 7 248 4 US-09-540-13-13 Sequence 7 248 4 US-09-540-13-13 Sequence 7 241 4 US-08-152-0194-28 Sequence 7 415 4 US-09-174-639-108 Sequence 7 461 4 US-09-774-639-108 Sequence 7 461 4 US-09-073-90-5 Sequence 7 461 4 US-09-073-90-5 Sequence 7 461 4 US-10-133-90-5 Sequence 7 461 6 5521070-2 Patent No. 7 461 6 5521070-2 Sequence 1	US-09-949-016-10169 Sequence 10: US-08-296-014A-4 Sequence 4, US-08-296-014A-4 Sequence 4, US-08-296-014A-4 Sequence 4, US-08-297-368-4 Sequence 4, US-09-287-368-4 Sequence 4, US-09-24-539A-15 Sequence 11: US-08-340-539A-15 Sequence 11: US-08-401-530A-2 Sequence 2, US-08-09-312-283C-381 Sequence 11: US-09-312-283C-381 Sequence 11: US-09-63-077A-19 Sequence 11: US-09-63-077A-19 Sequence 11: US-09-63-077A-19 Sequence 11: US-09-63-596C-19 Sequence 11: US-09-313-11B-15 Sequence 11: US-09-333-11B-15 Sequence 11: US-09-333-11B-15 Sequence 11: US-09-333-11B-15 Sequence 11: US-09-333-11B-15 Sequence 11: US-08-560-098A-59 Sequence 11: US-08-560-098A-50-098-098-098-098-098-098-098-098-098-09
3.7 580 3 US-08-482-677-10 Sequence 10, App 3.7 580 4 US-10-033-174-10 Sequence 10, App 3.7 589 4 US-0-033-174-10 Sequence 10, App 3.7 589 2 US-08-429-98-6 Sequence 6, Appl 3.7 589 2 US-08-4313-6 Sequence 6, Appl 3.7 589 4 US-09-813-156-2 Sequence 2, Appl 3.7 589 4 US-09-813-156-2 Sequence 2, Appl 3.7 589 4 US-09-813-156-2 Sequence 2, Appl 3.7 589 4 US-09-456-886-2 Sequence 2, Appl 3.7 589 5 PCT-US91-02321-6 Sequence 2, Appl 3.7 589 5 PCT-US91-02321-6 Sequence 6, Appl 3.7 589 5 PCT-US91-02321-6	3.7 1083 1 US-08-296-014A-2 Sequence 2, 3.7 1083 2 US-08-596-405-2 Sequence 2, 3.7 1083 2 US-08-877-620-2 Sequence 2, 3.7 1083 4 US-09-287-368-2 Sequence 2, 3.7 1083 4 US-09-262-7098-13 Sequence 2, 3.7 1342 4 US-09-561-7098-13 Sequence 2, 3.7 1317 4 US-09-627-6508-5 Sequence 5, 3.7 1317 4 US-09-627-6508-5	3.7 1917 4 US-09-436-063C-5 Sequence 5, 3.7 4654 3 US-09-841-261A-1 Sequence 1, 3.7 4655 3 US-08-652-877-84 Sequence 84 3.7 4655 3 US-08-652-877-86 Sequence 86 3.7 4655 3 US-08-652-877-86 Sequence 86 3.7 4655 3 US-08-652-877-86 Sequence 90 3.7 4655 3 US-08-652-877-86 Sequence 90 3.7 4655 3 US-08-652-877-80 Sequence 90 3.7 120 1 US-08-652-877-90 Sequence 36 3.7 120 1 US-08-652-874-61B-36 Sequence 36 3.7 120 US-08-652-874-61B-36 Sequence 37 3.7 120 US-08-652-874-61B-36 Se	3.7 216 3 US-08-543-2468-9 Sequence 24, 3.7 216 3 US-08-543-2468-9 Sequence 24, 3.7 589 1 US-07-68-648-2 Sequence 2, 3.7 589 2 US-08-429-998-2 Sequence 2, 3.7 589 2 US-08-431-333-2 Sequence 2, 3.7 589 5 PCT-US91-0231-2 Sequence 2, 3.7 750 4 US-09-560-385A-34 Sequence 425, 3.7 1192 4 US-09-560-385A-34 Sequence 34, 3.7 1192 4 US-09-560-385A-34 Sequence 3, 3.7 1060 2 US-08-347-594A-2 Sequence 2, 3.7 1061 2	3.7 104 3 US-09-540-245A-13 Sequence 3.7 104 3 US-09-540-125-13 Sequence 3.7 248 4 US-09-540-153-13 Sequence 3.7 248 4 US-09-552-991A-17358 Sequence 3.7 415 4 US-09-118-748-2 Sequence 3.7 457 4 US-09-118-748-2 Sequence 3.7 461 3 US-09-053-871A-21 Sequence 3.7 461 4 US-10-133-907-5 Patent No. 3.7 461 6 5521070-2 Patent No. 3.7 461 6 5521070-2 Patent No. 3.7 461 6 US-09-949-016-1123 Sequence 3.7 461 6 5521070-2 Sequence 3.7 461 4 US-09-949-016-1123 Sequence 3.7 469 1 US-08-454-455-6 Sequence	1019   1 US-08-294-016-10169   Sequence   10   10   10   10   10   10   10   1

ъ
ď
rai
_
•
~
T
Д
spdi
-
Š
50
ш,
•
9
σ
896.
-
944
3
Ž.
'n
σ
6
nB
Ä
_

	equence 9,	equence 3, equence 3,	equence	equence 14	equence	equence	ednence	equence	edirence	edirence	200000000000000000000000000000000000000	antanha	ednence	edneuce	ednence	ednence	Sequence 20, Appl	equence		ednerice	ednence	equence	ou de la contraction de la con	כלותפוורם	ednence	סטייסייטי	educince	equence		ednemce	ednence	97000	adrence	ednence		,			,	6	6		٠,	;	ò	Sequence 6, Appli		4,	ä	254	12	a	· .	o, Appr	5971,	517719	2	5	3	Ç,		3,6	4	7	ì,	7	43	۳		- 0	N (	, ע	,	103	_		i acuanba	equence 10304	e 7
	g	s s	ģ	ŝ	ds.	-SD	200	3 5	ğ	3 2	0 T T T T T T T T T T T T T T T T T T T	US-U9-252-991A-2621	S	3	22	us-	-SD	S.	3 5	ב ב	us.	ns-	91	2	Sn	011	ם כ	ns-	9 5	3	SD	2	ָב ב	US-09-161-241-8	-SII	1101101 1	517	2	T-/6T//TC	US-08-252-4	US-09-276-1	KE09 070 00 011	-8/69-6#3-60-CD	-GOTE-CDS-CO-CO		US-09-981-649A-			US-08-162-809-1	US-09-949-016-8254	TIG-08-162-809-12	K007 CCF 00 011	-WCC1-17T-90-50	US-08-487-847-8	US-09-949-016	5177197-30		TTC-00-060-00-0	62-090-60-60	US-09-402-923A-	US-09-060-299-3	US-09-402-92	PC-080-01		62-090-60-60	US-09-402-923A	US-09-402-923A-43	118-09-060-299-3	200 000 000	C-4C7C-7C4-CC-CC	US-09-060-29-29	US-09-402-923A-29	US-07-893-929A-7	103	8-00-949-016-103	0-04-0-01 0-040-01	S-03-349-016-103	49-016	CT-US92-10344-7
515 515 515 898 2898						-							•			-											•												-																	1394 6											1591 4			n (		·	0	130 4		7 007	130 4	130 4	130 5
4.4.4.4.4.		ω ω 4. 4.			3.4	4.	2) (	#. <	. 4	קי		4.4	4.4	4.6	4.	3.4	3.4	4		4.4	3.4	3.4	: `	* .	3.4		4.	3.4		4.	3.4		4.	4.	4	ŗ. ·	4.		4.	4.	4		a	* .	4.4	3.4	3.4	3.4	3.4	3.4			# ·	4.4	3.4	3.4	4		4.	3.4	3.4	3,4	4		4.	3.4	3.4	4		٠	3.4	3.4	3.4	4.6		# ·	4.	3.4	4
87 87 87 87	87	87 87	٠,	86.5	v	9	o١	οv	<b>,</b> ,	oν	o١	o	9	•	9	vo	98	ď	9 0	98	98	86	9 6	9	98		å	98	9 0	98	98	0	å	98	8	8	98	90	å	98	ge	3 6	99	6	98	98	98	98	86	98	90	9 6	0 1	98	98	86	ď	, ,	9	98	98	86	9 0	9 6	9	98	98	9	9 6	9 9	86		ហ	ហ	ď	85. C. L.	വ	S	ப
1196 1197 1199 1200	201	202 203	204	208 206	207	208	503	017	212	212	612	214	215	216	217	218	219	220	7 7 7	221	222	223		677	225		977	227	- 10	228	229	100	230	231	232	200	233	700	734	235	236	0 0	73/	238	239	240	241	242	243	244	245	7 4 6	047	247	248	249	250	2 5	727	252	253	254	255	1 1	700	257	258	200		700	261	262	263	264		265	566	267	26A
																														_		_	_	_																																										_			
1126	16,	193	33(	Sequence 336, App Sequence 2, Appli	6	12	Sequence 17, Appl	1:	;;	,,	-	63	g,	'n	4,	4	4		ŗÌ	2	2	S	3	Ň	2	ì	'n	٠,	i,	'n	ď	``	20	18	Semience 20 April	9	2	•	9	19	F	1:	4,	₹	õ	겊	ä	19		Semience 1. Appli	ì	, .	'n	48	29	20	10	<b>i</b> (	'n	37	Sequence 10, Appl	è		יל בחובחהם	'n	9	34	, ,	7 1	27, Ap		σ	6	Semience 36 Anni	ς,		equence 6,	Ġ	Segment of Appli
US-09-949-016-10299 Sequence 10299, A US-09-949-016-11264 Sequence 11264, A US-09-949-016-11265 Sequence 11266, A US-09-949-016-11266 Sequence 11266, A US-09-949-016-11267 Sequence 11267, A	Sequence 16,	Sequence 693 Sequence 119	Sequence 33	Sequence 330 Sequence 2,	Sequence 2,	Sequence 15:	Sequence 17,	Sequence 17,	Sequence 17,	'/T addressed 11	'/ T action To	Sequence 63,	Sequence 63,	Sequence 2,	Seguence 4,	Sequence 4,	Semience 4.	/ company	'a animarc	Patent No. 51	Patent No. 51	Segment BOS	o antianhag	Seguence 2,	Sequence 2.	'a company	Seguence 2,	C entraines	seduence 2,	Seguence 5,	Semience 5.	'C parantag	Sequence 20	Segmence 18	OC ecueros	sednence zo	Sequence 2.	A SOUTH OF THE SECOND	Sequence 16	Segmence 16	רו פטופיוהפט	ri acmenhae	Sequence 34'	'or educe To'	Seguence 10,	Seguence 14,	Segmence 12,	Semience 16	- annarmag	Semience 1		's acrientes z'	sednence 7,	Sequence 48:	Seguence 29	Semience 29	or company	מביות המוסח	Seguence 2,	Sequence 37	Seguence 10	Section 10	* (01101100	's annanhae	Sequence 2,	Seguence 30	Semience 34		'z aprianhac	Sequence 27, Ap	Sequence 5907,	Seguence 9	Segmence 9	Semience 36	oc action to	Sednence 6,	Seguence 6,	Segmence 6.	Segmente 6
4 US-09-949-016-10299 Sequence 102: 4 US-09-949-016-11264 Sequence 112: 4 US-09-949-016-11265 Sequence 112: 4 US-09-949-016-11266 Sequence 112: 4 US-09-949-016-11266 Sequence 112:	4 US-09-872-733A-16 Sequence 16,	4 US-09-949-016-6910 Sequence 69: 4 US-09-949-016-11522 Sequence 11:	3 US-09-188-930-336 Sequence 330	4 US-09-312-283C-336 Sequence 330 US-08-997-897-2	3 US-09-156-836B-2 Sequence 2,	4 US-09-248-796A-15283 Sequence 15	2 US-08-663-566A-17 Sequence 17,	2 US-08-023-610-1/ Sequence 17,	2 US-US-288-USSA-1/ SEGMENTE 1/1	2 US-US-362-24UA-1/ SEQUENCE 1/,	2 PCI-0895-10245-1/	1 US-08-325-071-63 Sequence 63,	3 US-08-461-004A-63 Sequence 63,	4 US-09-589-892B-2 Sequence 2,	1 US-07-978-895-4 Seguence 4,	2 US-08-473-119-4 Sequence 4,	2 IIS-08-475-352-4 Semience 4.	7 0000000000000000000000000000000000000	'# annana #-669-0/T-60-60 %	6 5183884-4 Patent No. 51	6 5183884-4 Patent No. 51	4 TTG_00_040_016_8022 Semience 802	00 parantag 7700-010-010-00-1	3 US-08-896-449A-2 sequence 2,	3 IIS-09-132-652-2 Sequence 2.	1 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 10000	4 US-09-886-900A-2 Sequence 2,	4 TIC-00-662-4780-2	4 05-09-002-4/8C-2	1 US-07-893-929A-5 Sequence 5,	5 pcm-11892-10344-5 Semience 5.		4 US-09-520-781-20 Sequence 20	4 US-09-054-272-18 Sequence 18	1 TIG-08-212-2808-20 Cememon 20	T 02-08-313-7888-70 Sednence 70	4 US-08-832-488-2 Sequence 2,		2 US-08-460-309-16 Sequence 16	2 US-08-125-077-16 Segmence 16	A TTG-00-306-366-31116	TT pompane aTTT-8C7-C07-60-60 %	4 US-09-914-259-34 sequence 34,	7 OS-08-480-229C-IO Seguence IO	2 US-08-659-235C-10 Sequence 10,	4 US-09-784-358-14 Sequence 14,	4 US-09-784-358-12 Segmente 12,	4 TIS-09-784-358-16 Segmence 16	4 TR-09-627-650B-1	4 TIS-09-436-063C-1 Semience 1		4 US-US-184-338-2	4 US-09-554-119A-2 Sequence 2,	4 US-09-621-976-4812 Sequence 48;	2 US-08-480-229C-29 Sequence 29	2 TIS_08_659_235C_29	20 000000000000000000000000000000000000	מיליים ביים ביים ביים ביים ביים ביים ביים	1 US-08-166-316-2 Sequence 2,	4 US-09-644-460-37 Seguence 37,	2 US-08-484-438-10 Sequence 10	2 TIG-00-469-5378-103 Semience 10		'* antientee	2 US-08-484-438-2 Sequence 2,	2 US-08-644-271-30 Sequence 30	4 TIS-09-077-955-34 Semience 34		3 08-08-198-603C-2	4 US-09-600-932-27 Sequence 27, Ap	4 US-09-949-016-5907 Sequence 5907,	4 US-09-949-016-9370 Sequence 9	4 TIS-09-949-016-9075 Sequence 9	A TIC-00-014-250-26	יסר במוקרות ביינים ביינ	4 US-09-635-872A-6 Sequence 6,	4 US-09-636-077A-6 Seguence 6,	4 US-09-636-060C-6 Seguence 6,	4 110-00-006-EF9-6
.5 205 4 US-09-949-016-10299 Sequence 1025 .5 575 4 US-09-949-016-11264 Sequence 1126 .5 575 4 US-09-949-016-11265 Sequence 1126 .5 575 4 US-09-949-016-11266 Sequence 1126 .5 575 4 US-09-949-016-11266 Sequence 11206	.5 879 4 US-09-872-733A-16 Sequence 16,	.5 1036 4 US-09-949-016-6910 Sequence 69: .5 1049 4 US-09-949-016-11522 Sequence 11:	.5 274 3 US-09-188-930-336 Sequence 330	.5 2/4 4 US-09-312-283C-336 Sequence 330 .5 430 3 US-08-997-897-2 Sequence 2,	.5 430 3 US-09-156-836B-2 Sequence 2,	.5 574 4 US-09-248-796A-15283 Sequence 15	.5 615 2 US-08-663-566A-17 Sequence 17,	.5 615 Z US-08-023-610-1/ Sequence 1/,	615 2 US-US-289-003K-1/ C16 C17, C17, C17, C17, C17, C17, C17, C17,	'.T-V0-2-02-00-20 7 CTO C.	. 5 615 5 PCI-0895-10245-1 Sequence 17,	.5 650 1 US-08-325-071-63 Sequence 63,	.5 650 3 US-08-461-004A-63 Sequence 63,	.5 746 4 US-09-589-892B-2 Sequence 2,	.5 1342 1 US-07-978-895-4 Sequence 4,	.5 1342 2 US-08-473-119-4 Sequence 4,	5 1342 2 IIS-08-475-352-4 Semience 4.	7 CONTROL	7. animanas 5-660-0/I-60-50 5 255I S:	.5 1343 6 5183884-4 Patent No. 51	.5 1343 6 5183884-4 Patent No. 51	F 1360 4 TIC-00-040-016-8022 Semionre 802	SO STATES TO STATES TO STATES TO STATE STATES TO STATE STATES TO STATES TO STATES TO STATE STATES TO STATE	.5 2813 3 US-08-896-449A-2 Sequence 2,	5 2813 3 US-09-132-652-2 Sequence 2.		.5 2813 4 US-09-886-900A-2 Sequence 2,	8 2813 4 TIS_09_662_478C_2	7 - 2012 - 2014 - 200 - 60 - 61 - 61 - 61 - 61 - 61 - 61 -	.5 132 1 US-07-893-929A-5 Sequence 5,	5 132 5 DCT-TIS92-10344-5 Segience 5.		.5 302 4 US-09-520-781-20 Sequence 20	.5 356 4 US-09-054-272-18 Sequence 18	2	.5 II/U I US-08-313-288E-20 Seduence 20	5 225 4 US-08-832-488-2 Sequence 2.	1 100 100 100 100 100 100 100 100 100 1	.5 243 2 US-08-460-309-16 Sequence 16	5 243 2 HS-08-125-077-16 Sequence 16	1 Seminary 2 111-020-200-201 / Coc. 1	TI DOILD OIL SCALE OF SECURITION TO SECURITI	.5 452 4 US-09-914-259-34 Sequence 34,	.5 480 2 US-08-480-229C-10 Sequence 10,	.5 480 2 US-08-659-235C-10 Sequence 10,	.5 771 4 US-09-784-358-14 Sequence 14,	.5 845 4 US-09-784-358-12 Secuence 12,	5 1617 4 TIS-09-784-358-16 Segmence 16	F 1652 4 IIS-00-627-650B-1 Semisore 1	7 1650 4 TIS-09-436-063C-1 Semience 1	TO COLUMN TO THE PROPERTY OF T	7 Test 7 - 22 - 25 - 25 - 25 - 25 - 25 - 25 -	.5 80 4 US-09-554-II9A-2 Sequence Z,	.5 122 4 US-09-621-976-4812 Sequence 48	.5 221 2 US-08-480-229C-29 Sequence 29	F 221 2 IIS 08 - 659 - 2350 - 29	10 CONTRACTOR	SOT DOTTON OF TO CO.	.5 454 1 US-08-166-316-2 Sequence 2,	.5 717 4 US-09-644-460-37 Sequence 37,	.5 911 2 US-08-484-438-10 Sequence 10	E 1005 2 TIS-08-469-5378-103 Semience 10		'* porranhae	.5 1308 2 US-08-484-438-2 Sequence 2,	.5 1940 2 US-08-644-271-30 Sequence 30	5 1940 4 HS-09-077-955-34 Semience 34		.4 248 3 US-09-198-603C-2	.4 248 4 US-09-600-932-27 Sequence 2/, Ap	.4 248 4 US-09-949-016-5907 Sequence 5907,	.4 263 4 US-09-949-016-9370 Seguence 9	4 365 4 US-09-949-016-9075 Sequence 9	. 3	to borranbag of feet at the fe	.4 515 4 US-09-635-872A-6 Sequence 6,	.4 515 4 US-09-636-077A-6 Sequence 6,	4 515 4 US-09-636-060C-6 Sequence 6.	.* 515 4 03-03-03-030-5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
US-09-949-016-10299 Sequence 1025 US-09-949-016-11264 Sequence 1128 US-09-949-016-11265 Sequence 1128 US-09-949-016-11266 Sequence 1128 US-09-949-016-11266 Sequence 1128	9.5 3.5 879 4 US-09-872-733A-16 Sequence 16,	9.5 3.5 1036 4 US-09-949-016-6910 Sequence 69: 9.5 3.5 1049 4 US-09-949-016-11522 Sequence 11:	89 3.5 274 3 US-09-188-930-336 Sequence 330	3.5 274 4 US-09-312-283C-336 sequence 330 3.5 430 3 US-08-997-897-2	3.5 430 3 US-09-156-836B-2 Sequence 2,	3.5 574 4 US-09-248-796A-15283 Sequence 15	3.5 615 2 US-08-663-566A-17 Sequence 17,	3.5 615 2 US-U8-U23-61U-1/ Sequence 1/,	3.3 612 2 US-U8-288-003A-1/ Sequence 1/,	3.5 615 2 US-U8-362-24UA-1/ Sequence 1/1	3.5 615 5 PCI-0895-10245-1/ Sequence 17,	3.5 650 1 US-08-325-071-63 Sequence 63,	3.5 650 3 US-08-461-004A-63 Sequence 63,	3.5 746 4 US-09-589-892B-2 Sequence 2,	3.5 1342 1 US-07-978-895-4 Sequence 4,	3.5 1342 2 US-08-473-119-4 Sequence 4,	3 5 1342 2 IIS-08-475-352-4 Semience 4.	A CONTROL A MALCH CO. CIT A MALCH C. C.	7.5 134Z 4 02-071/0-039-4 3:5	3.5 1343 6 5183884-4 Patent No. 51	3.5 1343 6 5183884-4 Patent No. 51	2 E 1360 4 TE-00-040-016-8022 Semience 802	NO DESCRIPTION OF THE PROPERTY	3.5 2813 3 US-08-896-449A-2 Sequence 2,	3 5 2813 3 US-09-132-652-2 Seguence 2.		3.5 2813 4 US-09-886-900A-2 Sequence 2,	3 5 2813 4 TIS-00-662-478C-2	89 3.5 Z813 4 US-09-86Z-4/8C-Z	8.5 3.5 132 1 US-07-893-929A-5 Sequence 5,	8 5 3 5 132 5 DCT-11592-10344-5 Semience 5.		8.5 3.5 302 4 US-09-520-781-20 Sequence 20	8.5 3.5 356 4 US-09-054-272-18 Sequence 18	2	8.5 3.5 II/0 I US-08-313-288B-20 Sequence 20	3.5 225 4 US-08-832-488-2 Segmence 2,	TO THE PROPERTY OF THE PROPERT	3.5 243 2 US-08-460-309-16 Sequence 16	3.5 243 2 HS-08-125-077-16 Sequence 16	11 Seminary 2011 11 Seminary 1	3.5 2.5 2.03-02-203-203-203-203-203-203-203-203-20	3.5 452 4 US-09-914-259-34 Sequence 34,	3.5 480 2 US-08-480-ZZ9C-IO Sequence IO,	3.5 480 2 US-08-659-235C-10 Sequence 10,	3.5 771 4 US-09-784-358-14 Sequence 14,	3.5 845 4 US-09-784-358-12 Sequence 12,	3 5 1617 4 HS-09-784-358-16 Segmente 16	3 5 1652 4 HS-09-627-650B-1	3 5 1652 4 TIS-09-436-063C-1 Semience 1	TO COLOR TO	2.5 1691 4 US-09-169-25 Sequence 2,	7.5 3.5 80 4 US-09-554-119A-2 Sequence 2,	7.5 3.5 122 4 US-09-621-976-4812 Sequence 48	7.5 3.5 221 2 US-08-480-229C-29 Sequence 29.	3 5 221 2 TIS-08-659-235C-29 Semience 29	1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	NOT DATESTING OUT OF THE TOTAL OF THE CO. C.	7.5 3.5 454 1 US-08-166-316-2 Sequence 2,	7.5 3.5 717 4 US-09-644-460-37 Sequence 37,	7.5 3.5 911 2 US-08-484-438-10 Sequence 10	7 E 2 E 100E 2 TR-00-469-5378-103 Semience 10	* C	/* 3.12 Local 44-464-464-464 C.C. C.L.	7.5 3.5 1308 2 US-08-484-438-2 Sequence 2,	7.5 3.5 1940 2 US-08-644-271-30 Sequence 30	7 F 3 F 1940 4 TIS-09-077-955-34 Semience 34		3.4 248 3 US-U9-198-603C-Z	3.4 248 4 US-09-600-932-27 Sequence 27, Ap	3.4 248 4 US-09-949-016-5907 Sequence 5907,	3.4 263 4 US-09-949-016-9370 Sequence 9	3 4 365 4 US-09-949-016-9075 Secuence 9	2.4 A TO 1.4 TO 1.5 C. 25 C. 2	TO DOTTON OF TOTAL	3.4 515 4 US-09-635-872A-6 Sequence 6,	3.4 515 4 US-09-636-077A-6 Sequence 6,	3 4 515 4 US-09-636-060C-6 Sequence 6.	3.4 515 4 03-03-030-000-0 0 004466160 7

Sequence 24, Appl Sequence 6, Appli Sequence 1359, Ap Sequence 24, Appl Sequence 20, Appl Sequence 10, Appl	7,666	266	1616	, ,,	4. 4	, w	~ ~	Sequence 3, Appli Sequence 3, Appli	.,.	Sequence 18, Appl		40	, –, .	Sequence 21, Appl	Sequence 18, Appl Sequence 18, Appl						o o	0 0	0 0		υψ	Sequence 5, Appli Sequence 2, Appli	Sequence 2, Appli		H 4	r di	4.0	equence 2		quence 3,	quence 4, quence 3,	Sequence 4, Appli Sequence 12593, A
US-08-600-982-24 US-09-560-385A-6 US-09-538-022-1359 PCT-US94-10261A-24 US-08-278-083A-20 US-09-553-769-10	US-08-312-870-7 US-09-907-794A-315 US-09-905-125A-315	US-09-902-775A-315 US-09-906-700-315	US-09-903-803A-315 US-09-904-920A-315 US-09-909-064-315	US-09-905-381A-315	US-09-270-767-46765	US-08-461-004A-67	US-08-110-158-4 US-09-949-016-10271	PCT-US95-03747-3 US-08-801-263A-3	US-09-102-248-3	US-09-36/-/03-3 US-08-278-089A-18	US-08-838-95/A-1/ US-09-531-056A-18	US-09-270-767-41770	US-09-949-016-10311	US-08-565-259-21 US-08-762-500-21	US-09-725-735A-18 US-09-206-551-18	US-09-942-540-15050 US-09-949-016-11112	US-09-657-472-2	US-08-278-089A-23 US-08-838-957A-22	US-08-465-794-3 US-09-049-813-3	US-08-274-661B-39 US-08-340-539A-17	US-08-401-530A-5 US-08-709-662-5	US-09-227-853A-13	US-09-049-813-18	US-07-749-001-5	US-U8-154-198-5 US-08-463-335-5	US-08-464-023A-5 US-08-738-462-2	PCT-US94-07587-2	US-08-450-482B-111 US-08-450-482B-109	US-08-660-963-12	US-09-920-048-4	US-10-014-501-4 US-09-813-819-2	US-09-920-048-2	US-10-014-501-2 US-08-484-438-9	US-09-544-398B-3	-09-544-398 -09-543-771	US-09-543-771B-4 US-09-902-540-12593
1713 3 1713 4 1713 4 1713 4 42 1															858 4	045																	855		615 615	615 867
, , , , , , , , , , , , , , , , , , ,									•			•				j uj	u u												٠		•		m m	ini	m m	m m
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 8 8 8 9	8 8 9 4 4 2	0 60 0	2 2 2	2 6 6	2 CO	84 84	84 84	84	<b>m</b> (	83.5	83.5		2	83.	33.5	83.5 83.5	83 83	8 83 83	8 83 83	8 8 3	8 8	88	0 80 0	8 8 83	833	83	8 8 8	83	2 E	83	83	8 3 3	386	83 83	83
1344 1344 1344 1344 1348	1349 1350 1351	1352 1353 1354	1355	1357	1359	1361	1362 1363	1364 1365	1366									1382 1383	1384 1385	1386 1387	1388	1390	1392	1394	1395 1396	1397	1399	1400	1402	1403	1405	1407	1408	1410	1411 1412	1413
·						•						_	<u>-</u> .															<del></del>								
Sequence 4, Appli Sequence 4, Appli Sequence 4, Appli Sequence 3, Appli Sequence 3, Appli Sequence 10537, A Sequence 389, App	กลักกัก	27.5	กักจ	13, Appl	13, Appl	-i -i -i	12243, A 3, Appli	equence 3,	4,4	ď ři	44	40	i # 6	66	Sequence 24, Appl	7 00	નેન	4.5	28 7	Sequence 7, Appli Sequence 7, Appli	7,5	2.5	12:	Sequence 15, App. Sequence 36214, A	2 %	1,0	equence 2,	Sequence 2, atent No. 5	8	equence 4, equence 3,	m n	equence 3, equence 3,	equence 3,	วักวั	1,3	Sequence 17, Appl Patent No. 5208144
Sequence 2, Sequence 2, Sequence 3, Sequen	Sequence 2, Sequen	Sequence 25	Sequence 30	Sequence of Appl Sequence 13, Appl	Sequence 13, Appl	Sequence 1.	Sequence 12243, A Sequence 3, Appli	Sequence 3	Sequence 4	Sequence 4.	Sequence 13 Sequence 13	Sequence 2	Sequence 19	Sequence 24	Sequence 24	Sequence 3. Sequence 8.	Sequence 1, Sequence 1.	Sequence 4, Sequence 19	Sequence 280 Sequence 7,	Sequence 7,	Sequence 7,	Sequence 24	Sequence 15	Sednence 36	Sequence 51	Sequence 1,	Sequence 2,	Sequence 2, Patent No. 5	Patent No. 5	Sequence 4, Sequence 3,	Sequence 3,	Sequence 3,	Sequence 3,	Sequence 3,	Sequence 3, Sequence 11	Sequence 17
2 US-08-404-95.0A-4 Sequence 2, US-08-401-55.0A-4 Sequence 4, US-08-822-561-3 Sequence 3, US-09-226-852-3 Sequence 3, 4 US-09-949-016-10537 Sequence 3, 4 US-09-312-283C-389	3 US-08-482-677-2 Sequence 2, 4 US-10-033-174-2 Sequence 2, 3 US-09-724-864-54 Sequence 5, 3 US-09-724-864-54	4 US-09-252-991A-25730 Sequence 25 4 US-09-751-389-7 Sequence 7,	2 US-08-449-645A-30 Sequence 3(2 US-08-712-206-8	2 US-08-7/31-303-0 Sequence 0, Appl 2 US-08-49-6458-13 Sequence 13, Appl 2 TO-00-202-213 Sequence 13, Appl	5 057-08-04-681-13 Sequence 13, Appl	4 US-09-627-650B-11 Sequence 1. 4 US-09-436-063C-11 Sequence 1.	4 US-09-902-540-12243 Sequence 12243, A 5 PCT-US95-02251-3 Sequence 3, Appli	1 US-08-199-780-3 Sequence 3 2 US-08-316-650-3 Sequence 3	3 US-08-479-722B-4 Sequence 4	4 US-09-578-063-14 Sequence 1,	4 US-09-578-063-13 Sequence 13 4 US-09-578-063-11 Sequence 11	4 US-09-560-385A-2 Sequence 2,	3 US-09-249-697A-19 Sequence 16	3 US-09-363-316B-24 Sequence 24 US-10-136-227A-24 Sequence 24	4 US-10-981-649A-24 Sequence 24 US-10-136-27A-32 Sequence 33	4 US-09-981-649A-32 Sequence 3. 4 US-09-949-016-8175 Sequence 8.	4 US-10-009-332-1 Sequence 1, 4 US-09-949-016-11332 Sequence 1;	3 US-08-506-296B-4 Sequence 4, 2 US-08-838-957A-19 Sequence 19,	4 US-09-252-991A-28869 Sequence 281 1 US-08-441-629-7 Sequence 7,	3 US-08-776-207-7 Sequence 7, 3 US-09-507-773-7 Sequence 7,	5 PCT-US95-09172-7 Sequence 7, 4 US-09-127-946-12 Sequence 12	4 US-09-252-991A-24568 Sequence 24	2 US-08-525-940-15 Sequence 15	4 US-09-270-767-36214 Sequence 36	4 US-09-270-767-51431 Sequence 51 4 US-09-252-991A-20649 Sequence 20	1 US-07-907-190-1 Sequence 1,	1 US-08-436-804-2 Sequence 2,	1 US-08-267-387-2 Sequence 2, 6 5258288-4 Patent No. 5	6 5258288-4 Patent No. 5	1 US-08-282-141-4 Sequence 4, 1 US-08-435-434-3 Sequence 3,	1 US-08-435-436-3 Sequence 3,	2 US-08-438-864-3 Sequence 3,	3 US-08-438-862-3 Sequence 3,	3 US-08-628-747-3 Sequence 3,	3 US-08-443-866B-3 Sequence 3, 4 US-09-589-892B-11 Sequence 11.	3 US-07-956-483-17 Sequence 17 6 5208144-8 Patent No. 5
US-08-401-530A-4 Sequence 2, US-08-401-530A-4 Sequence 4, US-08-822-861-3 Sequence 3, US-09-226-852-3 Sequence 3, US-09-949-016-10537 Sequence 3, US-09-312-283C-389	.4 612 3 US-08-482-677-2 Sequence 2, 4 612 4 US-10-033-174-2 Sequence 2, 4 697 3 US-09-724-864-54 Sequence 5, 4 697 3 US-09-724-864-54 Sequence 5, 4 697 3 US-09-724-864-54	.4 706 4 US-09-252-991A-25730 Sequence 25 .4 953 4 US-09-751-389-7 Sequence 7,	.4 967 2 US-08-449-045A-30 Sequence 30 .4 967 2 US-08-09-09-09-09-09-09-09-09-09-09-09-09-09-	.4 991 2 US-08-449-648-13 Sequence 13, Appl	4 991 5 PCT-US95-04681-13 Sequence 13, Appl	.4 1128 4 US-09-627-650B-11 Sequence L4 1128 4 US-09-436-063C-11 Sequence L.	.4 1133 4 US-09-902-540-12243 Sequence 12243, A .4 1251 5 PCT-US95-02251-3 Sequence 3, Appli	.4 1252 1 US-08-199-780-3 Sequence 3	.4 1253 3 US-08-479-722B-4 Sequence 4,	.4 1319 4 US-09-578-063-14 Sequence 1,	.4 1413 4 US-09-578-063-13 Sequence 13	.4 1724 4 US-09-560-385A-2 Sequence 2,	.4 553 3 US-02-49-697A-19 Sequence 10	.4 553 3 US-09-363-316B-24 Sequence 20 .4 553 4 US-10-136-227A-24 Sequence 20	.4 553 4 US-09-981-649A-24 Sequence 24 4 US-10-136-227A-32 Sequence 33	.4 554 4 US-09-981-649A-32 Sequence 3. .4 594 4 US-09-949-016-8175 Sequence 8.	.4 950 4 US-10-009-332-1 Sequence 1, 4 956 4 US-09-949-016-11332 Sequence 1.	.4 1266 3 US-08-506-296B-4 Sequence 4, 3 41 2 US-08-838-957A-19 Sequence 19	.3 133 4 US-09-252-991A-28869 Sequence 28 .3 160 1 US-08-441-629-7 Sequence 7,	.3 160 3 US-08-776-207-7 Sequence 7, 3 160 3 US-09-507-773-7 Sequence 7,	.3 160 5 PCT-US95-09172-7 Sequence 7,	3 216 4 US-09-252-991A-24568 Sequence 24	.3 288 2 US-08-525-940-15 Sequence 15	.3 366 4 US-09-270-767-3614 Sequence 18	.3 366 4 US-09-270-767-51431 Sequence 51 .3 575 4 US-09-252-991A-20649 Sequence 20	3 635 1 US-07-907-190-1 Sequence 1,	.3 635 1 US-08-436-804-2 Sequence 2,	.3 635 1 US-08-267-387-2 Sequence 2, 3 652 6 5258288-4 Patent No. 5	.3 652 6 5258288-4 Patent No. 5	.3 676 1 US-08-282-141-4 Sequence 4, .3 676 1 US-08-435-434-3 Sequence 3,	.3 676 1 US-08-435-436-3 Sequence 3,	.3 676 2 US-08-438-864-3 Sequence 3,	.3 676 3 US-08-438-862-3 Sequence 3,	3 676 3 US-08-402-253-3 Sequence 3,	.3 676 3 US-08-443-866B-3 Sequence 3, 3 760 4 US-09-589-892B-11 Sequence 11.	3 858 3 US-07-956-483-17 Sequence 17
.4 175 2 US-08-401-530A-4 Sequence 4, .4 175 2 US-08-401-530A-4 Sequence 4, .4 175 2 US-08-709-662-4 Sequence 4, .4 175 2 US-08-222-261-3 Sequence 3, .4 175 4 US-09-226-682-3 Sequence 3, .4 181 4 US-09-949-016-10537 Sequence 3, .4 284 4 US-09-312-283C-389	5.5 3.4 612 3 US-08-482-677-2 Sequence 2, 5.5 3.4 612 4 US-10-033-174-2 Sequence 2, 5.5 3.4 697 3 US-09-724-864-54 Sequence 5, 5.5 3.4 697 3 US-09-724-864-54	5.5 3.4 706 4 US-09-252-991A-25730 Sequence 25.5 3.4 953 4 US-09-751-389-7 Sequence 7.	5.5 3.4 967 2 US-08-449-649A-30 Sequence 30 5.5 3.4 967 2 US-08-702-36A-30 Sequence 30 6.5 3 4 96 7 US-08-702-36A-30 Sequence 30	5.5 3.4 991 2 05-03-49-645A-13 Sequence 13, Appl	5.5 3.4 991 5 PCT-US95-0461-13 Sequence 13, Appl	5.5 3.4 1128 4 US-09-627-6508-11 Sequence L. 5.5 3.4 1128 4 US-09-436-063C-11 Sequence L.	5.5 3.4 1133 4 US-09-902-540-12243 Sequence 12243, A 5.5 3.4 1251 5 PCT-US95-02251-3 Sequence 3, Appli	5.5 3.4 1252 1 US-08-199-780-3 Sequence 3.5 3.4 1252 2 US-08-316-650-3 Sequence 3.	5.5 3.4 1253 3 US-08-479-722B-4 Sequence 4,	5.5 3.4 1253 4 US-09-594-685-4 Sequence 1, 5.5 3.4 1319 4 US-09-578-063-14 Sequence 1,	5.5 3.4 1413 4 US-09-578-063-13 Sequence 13.5 3.4 1453 4 US-09-578-063-11 Sequence 11	5.5 3.4 1724 4 US-09-560-385A-2 Sequence 2,	3.4 553 3 US-09-249-697A-19 Sequence 10	3.4 553 3 US-09-363-3168-24 Sequence 20 3.4 553 4 US-10-136-227A-24 Sequence 20	3.4 553 4 US-10-981-649A-24 Sequence 24	3.4 554 4 US-09-981-649A-32 sequence 3. 3.4 594 4 US-09-949-016-8175 sequence 8:	3.4 950 4 US-10-009-332-1 Sequence 1, 3.4 956 4 US-09-949-016-11332 Sequence 1.	85 3.4 1266 3 US-08-506-296B-4 Seguence 4, 4.5 3.3 41 2 US-08-838-957A-19 Seguence 19	4.5 3.3 133 4 US-09-252-991A-28869 Sequence 280 4.5 3.3 160 1 US-08-441-629-7 Sequence 7,	.5 3.3 160 3 US-08-776-207-7 Sequence 7, 5 3.3 160 3 US-09-507-773-7 Sequence 7,	4.5 3.3 160 5 PCT-US95-09172-7 Sequence 7,	4.5 3.3 216 4 US-09-252-991A-24568 Sequence 24	4.5 3.3 288 2 US-08-525-940-15 Sequence 15	4.5 3.3 288 Z US-08-9/6-838-15 Sequence 15	4.5 3.3 366 4 US-09-270-767-51431 sequence 51 4.5 3.3 575 4 US-09-252-991A-20649 Sequence 20	4.5 3.3 635 1 US-07-907-190-1 Sequence 1,	4.5 3.3 635 1 US-08-436-804-2 Sequence 2,	4.5 3.3 635 1 US-08-267-387-2 Sequence 2, 4.5 3.3 652 6 5258288-4 Patent No. 5	4.5 3.3 652 6 5258288-4 Patent No. 5	4.5 3.3 676 1 US-08-282-141-4 sequence 4, 4.5 3.3 676 1 US-08-435-434-3 Sequence 3,	4.5 3.3 676 1 US-08-435-436-3 Sequence 3,	4.5 3.3 676 2 US-08-438-864-3 Sequence 3,	4.5 3.3 676 3 US-08-438-862-3 Sequence 3,	4.5 3.3 6/6 3 US-08-628-/4/-3 Sequence 3,	4.5 3.3 676 3 US-08-443-866B-3 Seguence 3, 4.5 3.3 760 4 US-09-589-892B-11 Seguence 11	4.5 3.3 858 3 US-07-956-483-17 Sequence 17

us-09-944-896-50.spdi.rai

445 62.5 31.3 221 1 US-00-175-0108-04 Sequence 84, Appl 447 82.5 31.3 222 1 US-00-175-0108-04 Sequence 84, Appl 447 82.5 31.3 222 1 US-00-175-0108-04 Sequence 84, Appl 447 82.5 31.3 222 1 US-00-175-0131 Sequence 84, Appl 447 82.5 31.3 222 1 US-00-175-0131 Sequence 84, Appl 447 82.5 31.3 222 1 US-00-175-0131 Sequence 84, Appl 447 82.5 31.3 222 1 US-00-175-0131 Sequence 84, Appl 447 82.5 31.3 222 1 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 222 1 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 324 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 324 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 324 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 324 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 324 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22511, Appl 447 82.5 31.3 31.2 4 US-00-175-0131 Sequence 22514 Seq	1488 82 3.2 2509 4 US-09-252-991A-16642 Sequence 15642, A 1489 81.5 3.2 156 5 US-08-600-982-30 Sequence 30, Appl 1490 81.5 3.2 156 5 PCT-US94-10261A-30 Sequence 30, Appl 1491 81.5 3.2 175 4 US-08-622-1 Sequence 1, Appli 1493 81.5 3.2 175 4 US-09-53-6-852-1 Sequence 1, Appli 1494 81.5 3.2 193 4 US-09-53-056A-6 Sequence 10300, A 1495 81.5 3.2 387 4 US-09-949-016-10300 Sequence 10300, A 1495 81.5 3.2 32 425 4 US-09-949-038-9584 Sequence 9584, A 1497 81.5 3.2 425 4 US-09-949-038-9584 Sequence 9584, A 1497 81.5 3.2 425 4 US-09-949-038-9584 Sequence 9584, A 1497 81.5 3.2 425 4 US-09-949-038-9584 Sequence 11538, A	81.5 3.2 637 4 US-09-949-016-11539 Sequence 81.5 3.2 764 4 US-09-949-016-9367 Sequence 81.5 3.2 765 4 US-09-949-016-10117 Sequence ALIGNMENTS	RESULT 1 US-09-866-028-50  Sequence 50, Application US/09866028  Patent No. 6642360  GENERAL INPORMATION:  APPLICANT: Baker, Kevin  APPLICANT: Bater, David  APPLICANT: Faton, David  APPLICANT: Ferrara, Napoleone  APPLICANT: Filvaroff, Ellen  APPLICANT: Goddard, Audrey  APPLICANT: Goddard, Audrey  APPLICANT: Goddowski, Paul	APPLICANT: Girmaldi, Christopher APPLICANT: Girmaldi, Christopher APPLICANT: Hillan, Kenneth APPLICANT: Hillan, Kenneth APPLICANT: Napier, Wary APPLICANT: Napier, Wary APPLICANT: Napier, Wary APPLICANT: Tumas, Daniel APPLICANT: Tumas, Daniel APPLICANT: Tumas, Daniel APPLICANT: Wood, William : TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P2548PIC1 CURRENT APPLICATION NUMBER: US/09/866,028 CURRENT FILING DATE: 2001-05-25 Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 120 SEQ ID NO 50 ILENGTH: 455 TYPE: PRI	y, ORGANISM: Homo Sapien US-09-866-028-50  Query Match Best Local Similarity 100.0%; Score 2529; DB 4; Length 455; Best Local Similarity 100.0%; Pred. No. 1.3e-218; But Milling Hilling H
82.5 3.3 219 1 US-08-152-0198 82.5 3.3 232 1 US-08-152-0198 82.5 3.3 232 1 US-08-152-0198 82.5 3.3 232 2 US-08-45-497-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-825-540-	Sequence 32, Appl Sequence 84, Appl Sequence 84, Appl Sequence 84, Appl Sequence 84, Appl Sequence 15031, A Sequence 7332, Ap	Sequence 2, Appliance 20, Appliance 30, Appliance 30, Appliance 30, Appliance 20, Appliance 2, Appliance 20, Appliance 20, Appliance 30, Appli	Sequence 6, Applisequence 10394, A Sequence 10394, A Sequence 2, Applisequence 2, Applisequence 3, Applisequence 3, Applisequence 3, Applisequence 8, Applisequence 4, Applisequence 4, Applisequence 4, Applisequence 4, Applisequence 4, Applisequence 4, Applisequence 6, Applisequ	Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence	atent No atent No sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Seq
8 8 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	US-08-152-019A-32 US-08-173-510B-84 US-08-458-21B-82 US-08-450-497-84 US-08-450-497-84 US-09-902-540-15031 US-09-902-540-15031 US-09-6489-039A-7332 US-09-6487-7332	US-08-403-634-2 US-08-403-634-30 US-08-913-441B-2 US-08-913-441B-30 US-09-571-985C-2 US-09-571-985C-2 US-09-949-016-11708	US-09-409-006-6 US-09-409-006-6 US-08-26-101-2 US-08-765-243-2 PCT-US95-07295-2 US-08-474-407-3 US-08-478-25-3 US-08-484-355-3 US-08-243-542-8 US-08-243-542-4 US-08-243-542-4 US-08-243-55-4 US-08-484-355-4 US-08-484-355-4 US-08-484-355-4 US-08-484-355-4 US-08-484-355-4 US-09-949-016-9605	US-09-949-016-9606 US-09-949-016-11387 US-09-902-540-12643 US-09-857-815B-37 US-09-857-815B-37 US-09-857-815B-61 US-09-857-815B-7 US-09-857-815B-7 US-09-857-815B-7 US-09-857-815B-6 US-09-857-815B-6 US-09-857-815B-8 US-09-857-815B-8 US-09-857-815B-8 US-09-857-815B-8 US-09-857-815B-8 US-09-857-815B-8 US-09-857-815B-8 US-09-857-815B-8 US-09-857-815B-8 US-09-857-815B-8 US-09-857-815B-8 US-09-857-815B-8 US-09-857-815B-8 US-09-857-815B-35 US-09-857-815B-35	5256643-2 5256643-2 US-059-49-016-7062 US-08-450-482B-123 US-08-450-482B-123 US-08-250-291A-28974 US-08-252-991A-28974 US-08-391-259-2 US-08-391-259-2 US-08-391-259-2 US-09-540-216-3462 US-09-540-216-3462 US-09-570-767-46608 US-09-570-767-46608 US-09-570-767-46608 US-09-570-767-46608 US-09-570-76-3-69 US-09-357-071-56 US-08-325-071-56 US-08-325-071-57 US-08-461-004A-57 US-08-461-004A-57 US-08-461-004A-57 US-08-461-004A-57 US-08-461-004A-57 US-08-461-004A-57 US-08-801-533A-4 US-09-801-248-6 US-09-367-764-6
casagasagagagagagagagagagagagagagagagaga	23 2 23 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	630 1050 1050 1050 1050 1050 1050 1050 10	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
	ייטיטיטיטיטיטיטיטיטיטיט	0.10.10.10.10.10.10.10	0 10 10 10 10 10 10 10 10 10 10 10 10 10		

8 윉 ò g ò

```
181 AYSPGGNWEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNPCRMSCQNHG 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                61 WVQPPAADMRRLDWSDSLAQLAQARAALCGIPTPSLASGLWRTLQVGWNMQLLPAGLASF 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               121 VEVVSLWFAEGORYSHAAGECARNATCTHYTOLVWATSSOLGCGRHLCSAGOTAIRAFVC 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          241 RINISTCHCHCPPGYTGRYCQVRCSLQCVHGRFREERCSCVCDIGYGGAQCATKVHFPFH 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 MLHPETSPGRGHLLAVLLALLGTTWAEVWPPQLQEQAPMAGALNRKESFLLLSLHNRLRS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 MIHPETSPGRGHLIAVLLALLGTTWAEVWPPQLQEQAPMAGALNRKESFLLLSLHNRLRS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 455;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 2529; DB 4;
100.0%; Pred. No. 1.3e-218;
iive 0; Mismatches 0;
                        PRIOR APPLICATION NUMBER: 60/112,850
PRIOR PILING DATE: December 16, 1998
PRIOR PILING DATE: December 12, 1998
PRIOR APPLICATION NUMBER: 60/113,296
PRIOR APPLICATION NUMBER: 60/113,296
PRIOR PILING DATE: December 16, 1998
PRIOR PILING DATE: September 16, 1998
PRIOR PILING DATE: September 16, 1998
PRIOR PILING DATE: December 1, 1998
PRIOR PILING DATE: December 1, 1998
PRIOR PILING DATE: December 16, 1998
PRIOR PILING DATE: December 22, 1998
PRIOR PILING DATE: December 21, 1998
PRIOR PILING DATE: December 21, 1998
PRIOR PILING DATE: December 3, 1999
PRIOR PILING DATE: March 3, 1999
PRIOR APPLICATION NUMBER: PCT/US99/28409
PRIOR PILING DATE: September 15, 1999
PRIOR PILING DATE: September 15, 1999
PRIOR PILING DATE: September 15, 1999
PRIOR PILING DATE: September 16, 1999
PRIOR PILING DATE: December 16, 1999
PRIOR PILING DATE: December 16, 1999
PRIOR PILING DATE: December 16, 1999
PRIOR PILING DATE: PEDTUARY 22, 2000
PRIOR PILING DATE: PEDTUARY 21, 2000
PRIOR PILING DATE: PEDTUARY 21, 2000
PRIOR PILING DATE: PEDTUARY 21, 2000
PRIOR PILING DATE: PEDTUARY 22, 2000
PRIOR PILING DATE: PEDTUARY 28, 2001
OR FILING DATE: February 25, 1998
OR APPLICATION UNDRER: 60/112, 850
OR FILING DATE: December 16, 1998
OR APPLICATION NUMBER: 60/113,296
OR PILING DATE: December 22, 1998
OR PILING DATE: UNDRER: 60/146,222
OR FILING DATE: JULY 28, 1999
OR FILING DATE: SEPTEMBER: ECT/US98/19330
OR FILING DATE: SEPTEMBER: 1998
OR FILING DATE: SEPTEMBER: 1998
OR APPLICATION NUMBER: PCT/US98/25108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.
Best Local Similarity 100.
Matches 455; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo Sapien
US-09-944-457-50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    용
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLBIC TITLE OF INVENTION: ACIDS ENCODING THE SAME TITLE OF INVENTION: ACIDS ENCODING THE SAME TILLS REPRESENCE: P2548PlC1
CURRENT PAPLICATION NUMBER: US/09/944,457
CURRENT PILING DATE: 2001-09-26
REIOR APPLICATION NUMBER: 60/067,411
REIOR PILING DATE: December 3, 1997
REIOR PILING DATE: December 11, 1997
REIOR PILING DATE: December 12, 1997
REIOR REILING DATE: December 16, 1997
REIOR PILING DATE: December 17, 1997
REIOR REILING DATE: December 19, 1997
                                                                                                                                                                                                                                                                           301 TCDLRIDGDCFMVSSEADTYYRARMKCQRKGGVLAQIKSQKVQDILAFYLGRLETTNEVT 360
DSDPETRNFWIGLTYKTAKDSPRWATGEHQAFTSPAFGQPDNHGLVWLSAAMGFGNCVEL
                                                                                                                                                                                                                                                                                                                                                                     QASAAFNWNDQRCKTRNRYICQPAQEHISRWGPGS 455
                                                                                                                                                                                                                                                                                                                                                                                                              QASAAFNWNDQRCKTRNRYICQFAQEHISRWGPGS 455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: January 5, 1998
APPLICATION NUMBER: 60/074,086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: February 9, 1998
APPLICATION NUMBER: 60/074,092
FILING DATE: February 9, 1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/070,440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/075,945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 50, Application US/09944457
Patent No. 6734288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pilvaroff, Bllen
Gerriteen, Mary
Goddward, Audrey
Godowski, Paul
Grimaldi, Christopher
Gurney, Austin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Hillan, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Napier, Mary
Roy, Margaret
Tumas, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Kljavin, Ivar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eaton, Dan
                                                                                                    301
                                                                                                                                                                                                                                    361
                                                                                                                                                                                                                                                                                               361
                                                                                                                                                                                                                                                                                                                                                                     421
                                                                                                                                                                                                                                                                                                                                                                                                                                   421
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR
PRIOR
```

9

Gapa